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MAY 24, 1919.

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"A well-known firm report that they tested six different brands of Aspirin Tablets and that the M. & J. Brand had come out on top."
—H.E.C.O.

"I find your Acid Acetylsal. is the nicest make of that article that I have had so far."
—Ph.C.

LEECHES

We have a Small Stock ready for Immediate Supply.

W. MARTINDALE, *MANUFACTURING CHEMIST,*
10 NEW CAVENDISH STREET, W. 1.

Dental Chemists

DO YOU rely upon personal recommendation to increase your practice? If you do, you must have the best mechanical work possible.
All my customers are permanent, because they know by experience that they are unable to obtain the same exquisite work elsewhere. Efficiency spells Progress.
I am The Specialist organised and equipped for the purpose, my charges are moderate and deliveries good.
Price list upon application.
KERMACK McBAIN, The Specialist in Mechanical Dentistry,
46 BOAR LANE, & BASINGHALL ST., LEEDS

Established 1839.

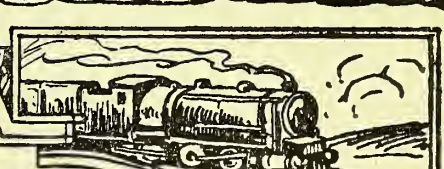
Chemists' Overalls

Gardiner & Co.

We supply protective overalls and aprons in any colour or style required. They are made by experienced hands for all branches of the chemical trade.

Keenest Quotations sent on request, or a special representative will be pleased to call.

Head Office: Gardiner & Co. (The Scotch House) Ltd.
1 Commercial Road, E. 1.
Phone: 6650 Ave.



BRIDGE BRAND.

PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS

For spot delivery.

ACETYL SALICYLIC ACID
BROMIDE of POTASH
CHLORAL HYDRATE
COCAIN
EUCALYPTUS OIL
METHYL SALICYLATE
SALICYLIC ACID
SALICYLATE of SODA

Enquiries also solicited for our usual range of Pharmaceutical and Photographic Products.

R. W. Greeff & Co.

THAMES HOUSE, QUEEN ST. PLACE, LONDON, E.C.4

MANCHESTER BRANCH:
Lloyds Bank Buildings, King Street.

NEW YORK AGENTS:
R. W. Greeff & Co., Inc., 80, Maiden Lane.

Antiseptic. Absorbent.

"CYNTA" Registered

HYGIENIC TOWELINES

FOR LADIES

SEAMLESS KNITTED — NON-STRETCHING

ELASTIC COVER — WOVEN COVER

(BLUE LABEL) ← OR → (BROWN LABEL)

GUARANTEED ENGLISH MANUFACTURE THROUGHOUT

Approved and recommended by the Medical Faculty

THERE IS ROOM IN YOUR SHOP

FOR A SMALL STOCK OF

"CYNTA" Towelines & Accouchement Sheets

THE VERY ELITE OF SANITARY NECESSARIES.

In greater demand than ever. *Repeat Orders certain.*

PRICES:

"CYNTA" Towelines.

	Knitted.	Woven.	
Size 0	—	9/6	per gross.
,, 1	12/6	12/6	,,
,, 2	17/-	17/-	,,
,, 3	22/-	22/-	,,
,, 4	26/-	26/-	,,

In packets of half-dozen. Sizes 1 and 2, 6d. extra. Sizes 3 and 4, 1/- extra per gross.

"CYNTA" Accouchement Sheets.

No. 1	18 × 22 in.	10/- doz.
,, 2	20 × 26 ,,	14/6 ,,
,, 3	30 × 30 ,,	21/6 ,,
,, 4	36 × 36 ,,	30/- ,,
,, 5	36 × 54 ,,	45/- ,,

THE CYNTA MANUFACTURING COMPY.

St. THOMAS' PLACE, STOCKPORT.

TRADE MARKS.

Telegraphic Address: "EKLIPS LONDON." A B C Code, 5th Ed.

On the List of Government Contractors, The Crown Agents for the Colonies, etc.

Telephone No.: 1831 Hop.

MEDALS AND AWARDS:
LONDON, 1881. VIENNA, 1883. CALCUTTA, 1884. CHICAGO, 1893.

SYNTHETIC OTTOS

"ZINYL" Brand (Regd.)

TRUE SYNTHETIC PRODUCTS

¶ The fact that the most delightful odours can be produced synthetically is not yet fully grasped, but it is now nearly seven years since these Synthetic Ottos, "Zinyl" Brand, were introduced, and during that time the whole of the trade journals have written in very eulogistic terms of them.

¶ To Buyers who have not hitherto bought these Synthetic Ottos their use will come as a revelation, and as in most instances the Ottos are actually stronger than the essential oils they are intended wholly or partially to replace, they are most economical in use, while their similarity to the actual flowers is surprising.

¶ The Synthetic Otto of Neroli, "Zinyl" Brand, for instance, used in the proportion of ¾ oz. to the gallon of spirit is equal to a concentration of 220 times, thus showing an enormous advantage over the ordinary "Concentrated Perfumes," generally about 1 to 40 parts of spirit; this Otto forms an excellent basis for Eau de Cologne, and we suggest a reference to "Pharmaceutical Formulas" for many admirable forms.

¶ The price of this Otto is, to-day, 8/6 oz., against the present cost of fine Oil of Neroli, about 31/- oz., and five drachms of the Synthetic Otto are equal to one ounce of the natural oil.

¶ We ourselves ship a good deal of Eau de Cologne in bond, and put up an excellent quality, with Farina script label, the basis of which is our Synthetic Otto Neroli, so that the price is advantageous.

For all Toilet Preparations these Synthetic Ottos show surprisingly favourable results.

H. E. STEVENSON & CO.

Manufacturing Chemists and Wholesale Druggists,
122 GREAT SUFFOLK STREET, LONDON, S.E. 1

THE HOLOYD PAGE.

Summer will soon be Here

and your stock will not be complete without three quick-selling Holoyd Summer Lines.

(1) Holoyd Lemonade Powders

No sugar required.

1½d. Packets	- -	**13/-** per gross.
2½d. ,,	- -	**22/6** ,,
4½d. ,,	- -	**40/-** ,,

5 gross lots less 5% 10 gross lots less 10%

(2) Holoyd Lemonade Tablets

7 tablets in glass tube, each tablet sufficient for one glass delicious lemonade. No sugar required.

Retail **6½d.** per tube.

4/6 per doz. 6 doz. at **4/3** 12 doz. at **4/-**

(3) "FACENA" **A Vanishing Face Cream which really Vanishes.**

Packed in 1-oz. screw-cap glass jars. Attractively labelled. Minimum retail, **9d.**

5/- per doz. 6 doz. at **4/3** 12 doz. at **4/-**

Attractive Showcards and Posters for all Lines.

H. O. LLOYD, *Wholesale Manufacturing Chemist,*

THE HOLOYD LABORATORIES,

27 GREEN LANE, SMALL HEATH, BIRMINGHAM.

Maw's Page

NUMBER 397
MAY 24, 1919

S. MAW, SON & SONS, LTD. • 7/12, ALDERSGATE ST. LONDON, E.C.1.

Items:

Pocket Knives: We can now offer a serviceable 2-bladed knife at a reasonable price. No. 1, plated-metal handle. Nos. 2, 3 and 4, xylonite handles, in 3 colours, 2/8 each, or on cards of 6 assorted, 15/- card.

. . .

Accurate stoppering guaranteed. This is the popular feature of our one-ounce London-made actinic green Smelling Salts Bottles, fitted with globe stoppers. Price 6/6 dozen. (No. 162).

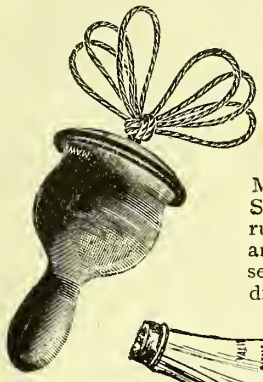
. . .

Field Glasses for holiday trade. We can supply a limited number, of medium size and power, in brown case with shoulder-strap. 42/- each.

. . .

Maw's Shoulder Braces for ladies give support where the best corsets fail, and are in demand by many women just demobilised from war work. Price 5/9 each.

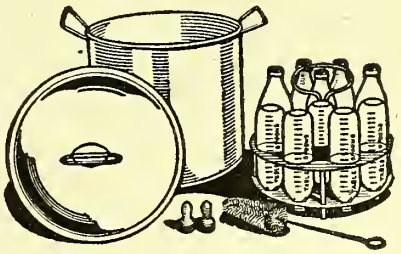
THE 'EUGENIC' TRIO



MAW'S "EUGENIC" SOOTHER.—Pure transparent rubber, fitted with bone mount and cord. Each enclosed in a sealed dustproof envelope. With display card, 5/6 per dozen.

MAW'S "EUGENIC" FEEDING BOTTLE. The outcome of over eighty years' feeder progress. The "Eugenic" is made of a special quality glass, and fitted with pure transparent rubber teat and valve. Complete in box with brush. 10/6 per dozen.

MAW'S "EUGENIC" MILK STERILIZER solves the vital pure-milk problem for home and hospital. It is fast becoming recognised by the medical profession as one of the greatest safeguards against the spread of disease that finds its origin in impure milk. Complete with six bottles, 18/- each; ten bottles, 25/- each.



A TRIO OF TRIUMPHS

A Point

A paragraph attracted our attention in the *Daily Mirror* the other morning. It was headed, "Demand for Scent Beats All Records. What a Popular Actress spends on Perfumes." We examined the scent bill, which the good lady had allowed to be published to the world, and quite agree that she must be a popular actress—especially with pharmacists.

. . .

The items of her expenditure were set out as follows: Cut-glass jar filled with Cologne salts, £1 5s. 6d. A barrel of dusting powder, to be used after the bath, 3s. Bath puff, occasional (we have pondered long over the meaning of that cryptic "occasional"), 5s. 6d. Perfume spray in antique bottle, £5 5s. Bottle of perfume, £4 11s.

. . .

Having run up a little account that was exactly a shilling short of eleven guineas, we can imagine the assistant asking in his most persuasive manner, "*And* the next, madam?" Apparently madam could think of nothing else; but that "the demand for scent is beating all records"—to quote again the *Mirror*—is certainly illustrated by the above instance.

. . .

This growing demand for the little vanities so dear to the feminine heart raises an interesting query. Does the temporary decrease in the cost of food result in a corresponding rise in the expenditure upon these luxuries of the toilet?

Calories or cosmetics? A pretty problem for someone with a statistical mind.

. . .

But this example does endorse one thing. If an article meets their requirements customers will pay for it. If, in addition, an article is good, they will pay more. People are learning, in these days of high costs, that "*it is better to buy the best.*" A trifle more means all the difference between satisfaction and disappointment.

Maw Quality is that trifle.

Capsule

The SATISFACTORY EFFERVESCIBLE

"MINERAL SPRING" is the satisfactory effervescible—satisfactory to the public because it is infinitely more refreshing, keeps better, tastes cleaner, and gives a more prolonged and sparkling effervescence than any other—satisfactory to the Pharmacist because it carries a generous protected margin of profit, is not supplied to the grocery and allied trades, and the richly coloured tin combines with the excellence of its contents to make "Mineral Spring" a ready seller.

"Mineral Spring" Health Granules are supplied to Chemists and Druggists only in tins retailing at 1/- and 2/- each.
:: :: Ask for Sample and Trade Prices. :: ::

THOMAS KERFOOT & Co Ltd.
BARDSLEY VALE. LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

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PUT THE

Ker-nak

BOY

IN YOUR WINDOW NOW!

EXPENSIVE MODEL LENT FREE.

This beautifully coloured figure, standing 24 inches high, will be sent securely packed in crate, carriage paid, to every chemist purchasing **Ker-nak Pills to the value of 50/-.** These will be supplied on the usual Window Show Terms of 5 per cent.

The only stipulation is that, after 2 weeks' show, the Ker-nak Boy must be sent to a new address which will be supplied.

ORDER FORM.

NAME .....

Address ..... *Date* .....

To Messrs. C. E. Fulford, Ltd., Carlton Hill, Leeds.

Please send "Ker-nak Boy." I agree to give 2 weeks' window display, and forward the figure (carriage at your expense) to a new address which will be supplied. I enclose order which includes at least 50/- value of Ker-nak.

Yours truly,

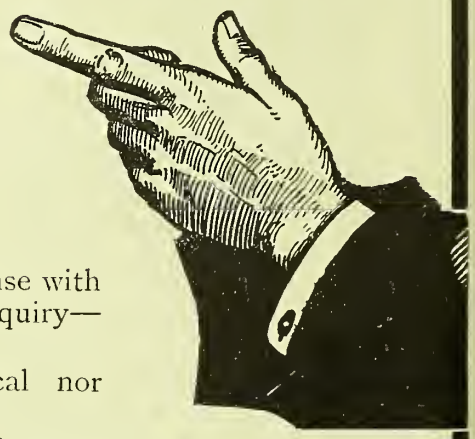
Signature .....

PRICES OF KER-NAK: 1/3 size, **12/6** doz.; 3/- size, **28/-** doz. (Minimum Prices Face Value)

Most Men

pride themselves upon being "*Practical*" and "*Logical.*"

Do YOU?



NOW, practical logic demands two things—two steps.

1. An inquiry into facts.
2. The conclusions following such inquiry.

Thousands of men imagine that they can dispense with the first step altogether—they judge without inquiry—and therefore arrive at fallacious conclusions.

"Jumping to conclusions" is neither practical nor logical. It is unbusinesslike.

Don't imagine that you "know all about 'Ucal'"—even if you *have* read a few of our advertisements—our proposition is too big to be condensed into a page.

You don't "know all about 'Ucal,'" and you *won't* until you send that letter of inquiry and receive full information from the fountain-head.

"Every Pharmacist his own Manufacturer."

Only Possible "By Proxy" Nowadays.

In the first place, you have little time to spare for such work—and in the second, the quantities you can use are not large enough for economical methods of production.

In other instances you have not the plant which is necessary to secure perfect results—with ointments, pills, tablets, or capsules for example.

So you have to buy a considerable amount of manufactured goods—but you need not be taxed to pay profits to a private manufacturer.

By joining "Ucal" you become your own manufacturer. You buy goods at ordinary market prices, often something less, grade for grade, and then the ultimate profit comes back to you in the form of dividend on your turnover.

"Ucal" Members collectively use sufficient to keep their factory going—by pooling their business they can keep the plant running at a profit.

You can share that profit by joining "Ucal." Don't you want to?

You are not asked to buy anything from "Ucal" which you may be able to buy better or cheaper elsewhere.

Address: "Ucal Cheltenham."

Touches one's Corns!

Spring weather always touches one's Corns, and at this season window space cannot be put to better use than in the display of CORN CURES.

The following remedies are as effective in their dress as they are in their curative action:—

American Corn Silk

A smartly packed silk, with a sufficiency of Salicylic Acid to make it effective.

Price - - per dozen, 3/6 ; per gross, 39/-

Eradico Corn Discs

12 Discs complete with fixers, in an attractive envelope.

Price - - per dozen, 3/- ; per gross, 34/-

Eradico Corn Velvet

Similar in composition to Corn Silk, but the Plaster is on Velvet.

Price - - per dozen, 3/6 ; per gross, 39/-

Corn Strap Rings

They adhere without heat. Neat boxes containing 6 Rings.

Price - - per dozen, 5/- ; per gross, 57/-

NAME AND ADDRESS ON SIX DOZEN AND UPWARDS.

Our Showcards touch the Corn every time!

AYRTON, SAUNDERS & CO. LTD.
LIVERPOOL

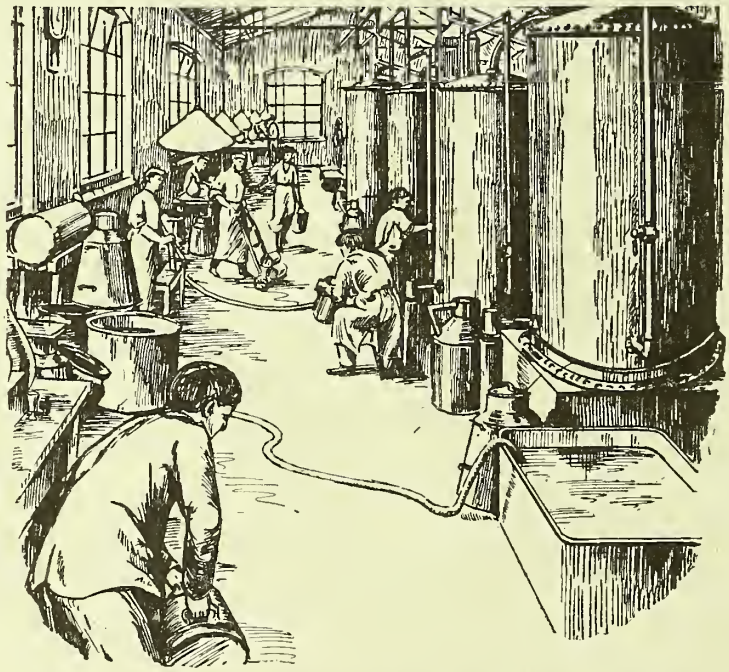
1 Kilo. 500 grs. 250 grs. 200 grs. 100 grs.

"PREEMO" Essences and Essential Oils.

The superior qualities of the "Preemo" Essences and Essential Oils are due to long years of study and patient experiment by a famous French Perfume Compounder and Distiller. They are specially distilled for the manufacture of Toilet Preparations, and the secret of their great popularity is the fact that they are extremely effective while simple and easy to use.

If you have not yet used the "Preemo" Essences you should try them without delay. They save both time and money and make the manufacture of Toilet Preparations, etc., a genuine pleasure.

Nos. 2,000, 3,000 and 4,000 "Preemo" Essences 10/6 per 100 grams. (equal 3½ ounces). £5 per 1 kilo (equal to 36 ounces).
No. 5,000 ditto, 25/- per 100 grams.
No. 7,000 ditto, from 45/- per 100 grams.
Special Quotations for Large Quantities.



Well-Distilled and Compounded Essences and Essential Oils make

"PRE

Essences a

The Simplest and Quickest means of making up

RECIPES SUPPLIE

Every Chemist who desires to adopt
Waters, Hair Washes, Lotions, Brilliar
"PREEMO" Essences and Ess
of strength, quality and odour they a
the natural flower. They are simp
made up with the "PREEMO"
"PREEMO" Essences and Ess
most economical on the market, and
ALL bona-fide trade inquiries for C

The PREEMO Con
63 HIGH H
Sole Agents—SILK'S TOILET C
where all commu

"SIMPLE AND

EMO"

ssential Oils

all kinds of Toilet Preparations, Perfumes, etc.

ORDER IF REQUIRED.

st profitable way of making up Toilet tc., should use the "Preemo" Essences world-wide reputation, and in matters Every essence has the true odour of n of any Toilet Preparation can be w minutes.

hout question the most successful and the busy Chemist.

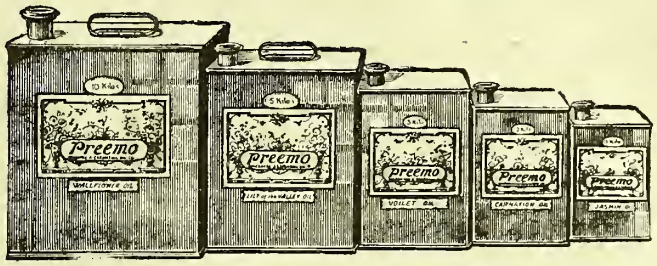
, etc., are promptly responded to.

Essential Oil Co.

N, W.C. 1

ION ST., HOLBORN, LONDON, W.C. 1

e to be addressed.



10 Kilos. 5 Kilos. 3 Kilos. 2 Kilos. 1 Kilo.

"PREEMO" Floral Oils.

"Preemo" Floral Oils, like "Preemo" Essential Oils, are absolutely without equal. They are made in the same works, and within a very short time they have achieved a reputation second to none.

Each perfume has the true odour of the natural flower. A few drops used on one's hair gives the same delightful result as sprinkling the finest perfume on one's clothes.

"Preemo" Floral Oils find a ready and profitable sale when put up in small bottles. They give great satisfaction which is the best of all Advertisements.

Supplied in three qualities, viz. :—

1st Quality	15/-	per Kilo.
2nd Quality	10/6	„
3rd Quality	7 6	„

(1 Kilo equals 36 fluid ounces).

Special Quotations for Large Quantities.

the Manufacture of Toilet Preparations, etc., Simple and Easy.

REEMO" MOTTO.

'Ongard' Guarded Coil Safety Pins RUST PROOF.

REGD TRADE MARK

For Surgical & Nursery Purposes.

SOLE MANUFACTURERS
GEORGE GOODMAN LTD.,
BIRMINGHAM.

Stocked by JAMES L. HATRICK & CO., LTD.,
70 St. John St., Clerkenwell Rd., LONDON, E.C.1.

A PROFITABLE PROPOSITION.

"FLUZO" POWDERS

(Trade Mark, Registered).
For Headache, Toothache, Neuralgia, and Rheumatism.
Sold at 1/3 per box of 12 powders, or loose at 2d. each; two for 3½d.
Advertising matter with all orders and Bonus for Window Shows.
Send for Price List and particulars.
A. S. PRICE & CO., LTD., Blackheath, Birmingham.

FUSEL OIL

FIRST-HAND SUPPLIES.
DE GROOT BROTHERS,
Schiedam, Holland.

A Chemist is a Discriminating Buyer and should always use

NON-CURLING GUMMED PAPER FOR LABELS.

SPECIFY
Samuel Jones' Qualities

SAMUEL JONES & CO.

Gummed Paper Works,
Bridewell Place - LONDON, E.C. 4
Works—CAMBERWELL.

LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants,
Manufacturing Chemists
HULL.

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* ,, ,, ,, ,, ,,	1/6	13/-
* ,, ,, ,, ,, bottles in cartons	2/-	16/-

**Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.*

LOSALL'S COMPOUND SULPHUR SOAP.

	Box.	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box at 8d. each tablet.	2/-	18/-

OVER 100 % PROFIT
ENSURED & PROTECTED (P.A.T.A.)
for sellers of

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.	Minimum wholesale.	
1/-	1/-	7/6	per doz. less 5% discount.
1/6	1/6	9/-	
2/6	2/6	15/-	
3/6	3/6	21/-	

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS—
C. R. HARKER, STAGG & MORGAN, LTD.
DEVON WHARF,
Emmott Street, Mile End, London, E.1.

"Empire"

EAU DE COLOGNE

Fragrant and delicate, a perfume calculated to satisfy the most critical user.

Sells itself after it is once tried.

PRESENT WHOLESALE PRICES.

1 OZ.	17/6	PER DOZ.
2 „	14/-	„
4 „	24/9	„
8 „	46/6	„
½ PINT WICKERED, REPUTED,	45/-	„
1 „ „ „	75/-	„
1 QUART „ „	120/6	„

The 4-oz. size can be supplied in an attractive presentation outer, containing 3 bottles, at 1/- per doz. extra.

A cheaper quality can be supplied under the "Flag" Label.

SAMPLES OF EACH GLADLY SUPPLIED TO BONA-FIDE INQUIRERS.

THE

Empire Perfumery Co.

Cuxson, Gerrard & Co., Ltd.
(Proprietors),

OLDBURY.

SHIPPERS AND EXPORTERS SUPPLIED IN BOND.

FINEST **BLACKS** AND

COLOURS

(ALL SHADES)

CARAMEL COLOUR

IN POWDER.

Guaranteed Harmless.

50

times the concentration of Liquid Caramel.

Sample on application.

Soluble in

WATER SPIRIT
OIL TURPS
WAX BENZOLINE
GLYCERINE NAPHTHA
PETROLEUM CREOSOTE

and

IN FACT—ANYTHING.

BLACK FOR INK.

MARKING INK.

ETERNITE

A combined Stain and Preservative for Wood.

HOUSEHOLD DYES.

RHEUMSOL BATH SALTS

in 1/- Tins.

WILLIAMS BROS. & CO.

Hounslow, Middlesex.

The House of BAISS

established in London nearly a century ago, is now one of the foremost houses for the Manufacture and Supply of

FINE CHEMICALS
for Medicinal Purposes.

DRUGS.

PHARMACEUTICAL PREPARATIONS
of All Kinds.

ESSENCES and ESSENTIAL OILS.

HOSPITAL EQUIPMENT and SURGICAL INSTRUMENTS
etc. etc.

Quotations given, and goods Packed for Shipment to all parts of the World.

PRICE LISTS IN VARIOUS LANGUAGES.

BAISS BROTHERS & COMPANY, Ltd.

Wholesale and Export Druggists, Manufacturing Chemists and Makers of Surgical Instruments.

Contractors to His Majesty's Government; the Crown Agents for the Colonies; various Foreign Governments; and the principal Hospitals and Institutions at Home and Abroad.

Grange Works, 174, 175, 176 GRANGE ROAD, BERMONDSEY, LONDON, S.E. 1

Drug and Herb Farm: CARSHALTON, SURREY.

PURE SPANISH ESSENTIAL OILS

(LONABARC BRAND).

ROSEMARY
PENNYROYAL
FENNEL (SWEET & BITTER)
LAVENDER
THYME (RED & WHITE)
ORANGE
GERANIUM
SAGE
LEMON

THYMOL

ACONITE ROOT
LAVENDER FLOWERS
GENTIAN ROOT
QUINCE SEEDS

Write for samples and prices to LONABARC TRADING CO., LTD., 60 FORE ST., E.C. 2

DODGE & OLCOTT CO.,

20 MARK LANE, LONDON, E.C.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.
BALSAMS of Copaiba, Peru, Tolu.
TONKA BEANS, Angosturas.

'Phone: CITY 2468.

Telegrams: "EGDARF, FEN, LONDON."

SAML. LAMBERT & CO.,

14 MINCING LANE, LONDON, E.C.

Importers and Exporters.

First hands for all

Estd. 1870.

CRUDE DRUGS & ESSENTIAL OILS.

A few Specialities :—

ARABIC GUMS, CASCARA SAGRADA, ERGOT, CITRIC ACID, COD LIVER OIL, CREAM OF TARTAR, GLYCERIN, HONEYS, MESSINA ESSENCES, OLIVE OIL, PEPPERMINT OIL, QUININE, QUICKSILVER, RHUBARB, SARSAPARILLA, SHELLAC, TURPENTINE.

Sole Agents for :

Oils: Lemon, Bergamot, Orange; Terpeneless Oils: Lemon, Bergamot, Orange.—*Fratelli de Pasquale & Co., Messina.*
Bay Rum and Bay Oil.—*Bornn, St. Thomas.*
Essential Oils, Drugs, Chemicals, &c.—*National Aniline & Chemical Co., New York.*

Margery Margery

DEMOBILISED

As the boys are being released, "MARGERY" SKIN FOOD SOAP is being released, too.

On active service the Armies would have "Margery"—the big green tablet made fr m virgin olive oil—and it was sent in thousands of grosses to every theatre of war.

At home they still want

"Margery" Skin Food Soap

and you must see that they have it.

Just show this attractive dozen box in your window. It contains 12 tablets which cost you 8/- carriage paid, and retails at 1/- per tablet.

Bonus, 2 tablets with each dozen.

You sell 14 tablets at 1/-	...	14/-
You buy 14 tablets for...	...	8/-
You get	... ...	6/-

75% ON OUTLAY.

POST THE COUPON NOW!

THE LEIGHTON LABORATORIES
35 GRAY'S INN ROAD, W.C. 1.

Cut this Coupon.

Attach it to your business heading, or memo., affix ½d. stamp, and post now to your wholesaler or direct to **The Leighton Laboratories,** 35 Gray's Inn Road, **London, W.C.1.**

Please send me carriage paid 1 dozen "Margery" Skin Food Soap, and two tablets Bonus, at 8/-

C. & D. 24-5-19

India Rubber Corks & Tubing

For the Chemical Trade.

SUPPLIED IN

ALL SIZES AND QUALITIES

GREY or RED.

Your inquiries solicited, upon receipt of which samples and prices will be submitted.

GARDEN CITY RUBBER CO.
LETCHWORTH, Herts.

Telephone: Letchworth 54.

Telegrams: "Rubber Letchworth."

"Jackel's Cream"

(without Grease)
for THE HAIR
Sold everywhere

Established 1883.

"Jackel's Cream" fixes the hair in any desired position; is unexcelled as a dressing and does not soil the headware. It removes Scurf and Dandruff, keeps the scalp healthy, and promotes the natural growth of the hair while maintaining its softness and brilliancy.

Prices for Wholesale and Export Houses on application.

CRYSTALLISED
1/6 CREAM 2/6

Trade Mark attached to each bottle.

Jackel et Cie (of Paris) Ltd.
Sauchiehall Street
GLASGOW

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

'Blighty' REG TRADE MARK

BURGUNDY MIXTURE

THE EASIEST TO USE.

POTATO SPRAYING MIXTURE

You merely add COLD WATER.

PREVENTS POTATO BLIGHT

Approved by the FOOD PRODUCTION DEPARTMENT after independent trials.

INCREASED YIELD FOLLOWS

Gives a Standard Solution of 2%

Packed in Greaseproof Cartons, 1-lb. 2-lb. and 4-lb., and Waterproof Bags of 14, 28, 56, and 112 lb.

ABSOLUTELY THE BEST. WIDELY ADVERTISED.

YOU SHOULD ORDER STOCKS EARLY.

Made from the World-Famed "MAPLE BRAND" COPPER SULPHATE.

THE MOND NICKEL CO. LTD.
(Horticultural Section),
39 Victoria St., LONDON, S.W. 1.

(2)

YOU'RE NOT TIED UP—

There is no contract to bind you—no obligation—not even an implied promise to buy—when you send to us for Samples of IDEAL PRINTING FOR CHEMISTS.

Take this in—test it for yourself—and your decision will be to place your orders with the century old firm—

JAS. F. WILKINSON,
(Exors.: G. F. Berry & J. G. Driver,)
PHARMACISTS' PRINTER,
PENDLETON, MANCHESTER.

P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

The following prices will come in force as from the date of this issue:

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
Allen & Hanburys, Ltd., Preps.:			
1/3	Alkagen Lozenges	1/3	11/3 doz.
2/9	,, ,, ...	2/9	24/9 ,,
16 oz.	Castor Oil	4/-	36/- ,,
1/4	Dioxogen	1/4	12/- ,,
2/8	,, ...	2/8	24/- ,,
4/-	,, ...	4/-	36/- ,,
2/-	Effervescent Preps.	2/-	18/- ,,
5/-	,, ,, ...	5/-	45/- ,,
9/-	,, ,, ...	9/-	81/- ,,
3/-	**Warner's** Safe Cure	3/-	29/- ,,
5/-	,, ,, ...	5/-	48/- ,,
11/6	,, ,, ...	11/6	110/- ,,
5/-	,, Diabetes Cure ...	5/-	48/- ,,
5/-	,, Rheumatic Cure ...	5/-	48/- ,,
2/6	,, Nervine	2/6	24/- ,,
5/-	,, ,, ...	5/-	48/- ,,
1/3	,, Pills	1/3	12/- ,,

"PREPARATIONS

of which the Muller Nutrient is a very good example may legitimately be described as 'Nature Remedies.' These will no doubt have an important place in Therapeutics, and hold out much hope and promise in the future of medical practice."

—THE MEDICAL TIMES, August 18, 1917.

THE

MULLER NUTRIENT

SELLS AT FACE VALUE **3/-** P.A. T.A.

Direct Cash Orders **28/6** dozen with 2 Showcards.

The Muller Laboratories, LTD.

Scientific Food Specialists,

144 Albany Street, LONDON, N.W.

Let Movol Magic Help Your Sales

Every housewife needs this marvellous Stain Remover; a very large proportion of the Nation's housewives are induced by the Movol advertising to ASK for Movol; and Movol's absolute certainty of effect ensures that your Movol customers are permanent customers. Write to-day for terms and special showcards, etc. Retail prices 6d. and 1s.

TRADE MARK

MOVOL

Regd

STAIN REMOVER

Removes Ironmould, Rust, Fruit and Ink Stains from Clothing, Marble, &c.

Wm. EDGE & SONS, Ltd., Bolton,

And at 25 Front Street East, Toronto; and Valentine Street, New Bedford, Mass., U.S.A.

SALES BEAT ALL RECORDS.

INDIAN PERFUME BRICK

KEEPS AWAY MOTH. LASTING & FRAGRANT.

PERFUME BRICK

FOR LINEN CUPBOARD AND WARDROBE.

Retail Price, ***6d.***

Of the Makers:

ALBERT WILLIS & ARTHUR, Ltd.

6 Mortimer St., London, W.

AND ALL WHOLESALERS.

CROSFIELDS'
CHEMICALLY PURE GLYCERINE.
PYRAMID BRAND.

The finest Glycerine obtainable for medicinal purposes. Absolutely pure. Guaranteed to stand all the tests of the British Pharmacopœia.

IN 14 lb. 28 lb. & 56 lb. TINS. (WOODEN CASES)
1, 2½, 5 & 10 CWT. DRUMS. (RETURNABLE)

JOSEPH CROSFIELD & SONS LTD Chemical Manufrs. WARRINGTON.

SAFETY RAZOR SHARPENING
BY LATEST ELECTRICAL MACHINERY.

We guarantee a perfect edge on ANY blade, ANY make.
Trade terms: 6d. PER DOZEN net.
Blades returned same day as received.
SEND US YOUR WORK.
THE LIVER RAZOR CO., 77a DALE STREET, LIVERPOOL.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—
PRESTON'S LIVERPOOL DISTILLERY Co., Ld.
The Largest Makers in the Kingdom.
BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

SIMPLICITY —both in use and in effect—is the great merit of
SEMREH
BOTTLE CAPS.
They fix themselves, and when finished are SIMPLE yet ARTISTIC in appearance.
THE VISCOSE Development Co., Ltd.
BROMLEY, KENT.

"Strodonia"
VANISHING CREAM
For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):—

1½ dozen	7½d.	selling for	11 3
¾ "	1/-	" "	9 0
For 10/- cash with order, carriage paid.			20 3

7½d. and 1/- – – – 5/6 and 9/- per dozen.
From London Wholesalers.
Direct Orders value £5 subject to 10% discount and 1 doz. 1/- size bonus for window display, showing 38% on Turnover.
STRODE COSH & PENFOLD, Manufacturing Chemists LOWER UNION ST., BRISTOL.

LABORATORY OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.

LONDON AGENTS:
WILCOX, JOZEAU & Co., 49, Haymarket, S. W.

CHAPOTEAUT'S CAPSULES of PHOSPHOGLYCERATE of LIME.

THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.

Sold by all Chemists.
Wholesale: 8, Rue Vivienne, PARIS.

MORRHUOL CHAPOTEAUT

CAPSULES

MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.

It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.

SOLD BY ALL DRUGGISTS.

CHANDRON'S DROPS
(Gouttes des Colonies)

A harmless antiseptic preventative against CHOLERA-FERMENTATION - INDIGESTION & other intestinal disturbances.

SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

JULES LANG & SON

WE HAVE LARGE STOCKS OF

TOOTH BRUSHES

Small stock of Military Hair Brushes.

Samples will be sent on application. Wholesale trade only supplied. NOT Retail.

Charlton Works, Charlton Place - ISLINGTON, LONDON, N. 1.

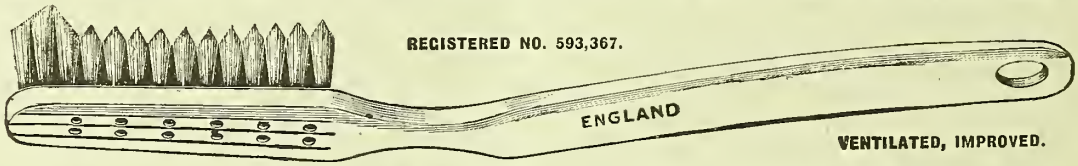
Telegrams: "Assorted, Phone, London." Telephones: North 2770 (3 lines).

ROBERT ADDIS & SON,

— Tooth Brush Manufacturers, —
London Brush Works, London Fields, N.E.

The "ASEPTIC" or "PROPHYLACTIC."

When not in use, a Tooth Brush should not be allowed to remain wet, or it becomes offensive. The advantage of this Brush is—it can be hung up to drain, allowing the air to dry and purify it.



Best Quality	18/- per dozen.	Each in carton.	
No. 1 ,, ...	13/6	,,	,,
Child's Size, Best Quality ...	10/-	,,	,,

To be obtained from Wholesale Houses. Packed in cartons, facilitates sales and ensures brush reaching user in clean and antiseptic condition.

BIDWELLS' LTD.

RELIABLE TOOTH BRUSHES.

Gloria Silverdrawn,	18/-
Mitre - - -	14/-
Elephant - -	12/-
Anchor - - -	10/-

GROSS LOTS NAMED FREE. CARRIAGE PAID.

We invite you to try them.
We guarantee satisfaction.

A selected £10 parcel of Hair Brushes from 30/- to 100/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.

Hindes HAIR TINT

For GREY OR FADED HAIR.

Regd. Title - "SEEGEROL."

HINDES, Ltd., 1 Tabernacle St. City, London, E.C. 2

Patentees & Manufacturers of the World-famous Hindes' Wavers.

BLATTIS

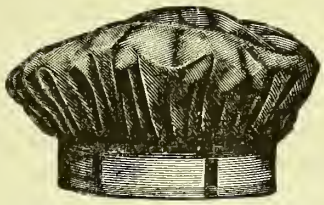
Absolutely exterminates Cockroaches without any trouble.
It is a scientific remedy invented and guaranteed by E. HOWARTH, F.Z.S.
Retail Prices, in tins, 14/-, 27/-, and 54/- per dozen.
Liberal Trade Discounts.
HOWARTHS, 471 Creuksmoor. SHEFFIELD.

FERTILISERS

Insecticides and all Horticultural Specialities and Sundries.

Catalogue on application

HUNTER & GOW, LTD., 200 Thomas Street, LIVERPOOL.
Manufacturers and Wholesale Suppliers of everything for the Garden, Allotment and Greenhouse, such as "Abol," "Vaporite," Twines, Sticks, Labels, Clays, Nicoticide, etc.



AS MANUFACTURERS

we offer the latest patterns in solid rubber or proof, plain and fancy

BATHING CAPS

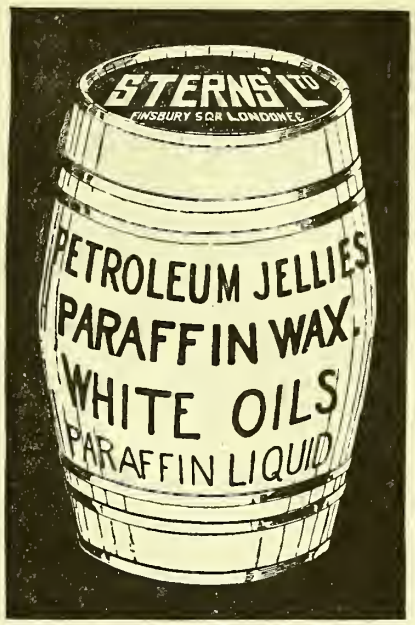
ALSO

SAFE FLOATS

And invite Inquiries. Samples on application.

F. SCHUTZE & CO., LTD.

Caledonian Market - LONDON, N.



STERNS LIMITED

A.D.5., Royal London House, Finsbury Sq., E.C. 2.

Telephone: 3797 London Wall. (Four Lines.)

Telegrams: "Centumvir, Phone, London." (Two Words only.)

"Less than a drop is sufficient"

Zenobia Condensed Perfumes are so highly concentrated that less than a drop is sufficient to give a lasting yet delicate fragrance.

But how can one apply "less than a drop?" By momentarily inverting the bottle and then lightly touching the article to be perfumed with the moistened stopper. The ordinary stopper found with Zenobia Condensed Perfumes is much more economical than the rod topper, which applies more perfume than necessary.

ZENOBIA
CONDENSED PERFUMES

The Retail Prices are 3/-, 6/- and 12/6 per bottle.

Trade Prices are 27/-, 54/- and 108/- per dozen, less usual discount

This explanation, given at the time of sale, will assist in establishing Zenobia Condensed Perfumes as favourites with the public. Besides being so economical, they have the true flower fragrance always associated with the name of Zenobia—a fragrance that is unequalled for purity and charm.

ZENOBIA, Ltd. Wholesale, Manufacturing and Export Perfumers.
LOUGHBOROUGH, ENGLAND.

D.D.D. Prescription

FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying a steadily increasing sale. On the P.A.T.A. protected list, giving the retailer a profit of about 25%.

TRADE PRICES.

			per doz.
D.D.D. Prescription	2/9 bottle,	M.R.P. Face Value, @	25/6
,, ,,	5/- ,,	,, ,, ,,	47/-

In two strengths—Ordinary and Strong.

			per doz.
D.D.D. Soap	1/- tab.	M.R.P. Face Value, @	8/3
,, Shaving Soap ...	1/6 stick	,, ,, ,,	13/6
,, Vanishing Cream	2/6 jar	,, ,, ,,	22/6
,, Shampoo Powders	2/6 box	,, ,, ,,	22/6

Carriage paid to any part of the United Kingdom.

Showcards, &c., Supplied Free.

D.D.D. Co., Ltd.

3, 5, 7 Fleet Lane, Ludgate Circus, London, E.C.4

PETROLEUM JELLIES

White, Yellow, Amber and Red.

For Pharmaceutical and General Purposes.

AMERICAN SPIRITS OF TURPENTINE,
OLIVE, CASTOR, COLZA OILS,
ROSIN, and LUX BLOOMLESS MINERAL OILS.

James Arnott & Sons, Ltd.

Newcastle-on-Tyne and Cardiff.

METHYLATED SPIRIT

OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.

Write for Prices. ESTABLISHED 1794.

SAMUEL THORNLEY, LTD., BIRMINGHAM

REPUTATION COUNTS.

"Camilatone" Camomile Tonic SHAMPOOS

are the most popular hair beautifying preparations on the market.

PROFITABLE LINES.

1/- line, for brightening only,		7/-	per doz.
5/6	" " " "	42/-	"
2/-	" for warmer shades	14/-	"
5/6	" " " "	42/-	"
1/6	" for the Nursery	10/-	"

5 packets in box.

Once sold, always asked for.

Supplied direct by

The CAMOMILE TONIC Co.

16 Lichfield Rd., Cricklewood, N.W. 2

ALLEN'S

Finest selected,
specially imported

MESSINA

OILS

LEMON OIL

ORANGE OIL

BERGAMOT OIL

Samples and prices
on application.

ESTABLISHED 1833.

STAFFORD ALLEN & SONS

LIMITED

LONDON & LONG MELFORD.

Regd. Offices: 7 COWPER STREET, FINSBURY, E.C. 2.

Telegrams:
"Persic, Finsquare, London."

Telephone:
London Wall 6556 (3 lines).

CRÊME MALACEINE

MANUFACTURED BY

PARFUMERIE MONPELAS, PARIS.

No. 62	63	64
Small	Medium	Large
15/-	**30/-**	**50/-** doz.

An Extensive Advertising Campaign in all the principal Society Journals is now proceeding.

Write for SPECIAL TERMS and particulars of other MALACEINE PRODUCTS to the Sole Wholesale Agents for Great Britain and Ireland:

WILLIAM TOOGOOD, LTD.
77 Southwark Street,
LONDON, S.E. 1.

Manicure your Finger Nails with

"Redio"

TRADE MARK

Finger Nail Cloths.

They give a brilliant, lasting polish without pumice, dust, or grease. Beautiful finger nails give the finishing touch to a cultured hand.

Of all Chemists, Hairdressers, etc.

Prices: **6d. and 1/-**

The REDIO CO. specialises in impregnated cloths.

Try the celebrated Redio *Metal* Polishing Cloths.

REDIO CO., Ltd., 66 Fore St., London, E.C. 2.

BRITISH ODOL

Send for Price List and Trading Terms.

Revised Retail Prices.
Grand Double Flask 5/3
Full-size Bottle 3/-
Half-size Bottle 1/9

ODOL Chemical Works, BERKHAMSTED.

C.V. & S. 12.

TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniper Berry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CITRAL

EUCALYPTOL

CINNAMIC ALDEHYDE

GERANIOL

HOLLANDS DISTILLERY, Ltd.

Lavington Street, Southwark, London, S.E. 1.

A B C Code (5th Edition).
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: HOP 898.

***AMERICAN AGENTS*—O. A. BROWN CO. INC., 99-101 Beekman St., New York.**
***CANADIAN AGENTS*—F. S. JARVIS & CO., 18 Toronto Street, Toronto.**

TO CREATE TRADE

stock lines that recommend themselves.

Quencholeen requires no sugar.
Quencholeen will bring you customers and add to your reputation.
Quencholeen pleases everybody and retails at **1½d.** per pkt., or in cartons of **13** pkts. for **1/6.**

Trade Terms.

13/- per doz. cartons, **5** doz. lots, **12/-** per doz. net, together with showcards and windows bills complete, cash with order. Carriage Paid.

The Violiv Manufacturing Co.,
26 Haymarket Terrace, Edinburgh.

IMPORTANT.

WILL Retail Chemists kindly note that
ORISAL MOUTH WASH
for PYORRHŒA
is now prepared only in a highly concentrated form at **4/9** per bottle retail, the contents being four times the strength of those hitherto retailed at **2/9.**

WHOLESALE PRICES.

Mouth Wash (including Govt. duty, 12/-) **48/-** per doz.; Retail **4/9** per bot.
Dental Paste (including Govt. duty, 6/-) **23/-** per doz.; Retail **2/3** per tube.

Obtainable from the principal wholesale houses, or direct from

ORISAL LTD.
77 GEORGE STREET,
PORTMAN SQ., W. 1.

Lescol Perfumery

NOTICE.

New and attractive lines will be brought out shortly, and an illustrated catalogue sent out. In the meantime we will send on application a supplementary list of lines in stock, popular in price and advantageous in sale.

We can also offer to advantage Perfumery in Bulk in two qualities — Essential Oils of guaranteed purity; Floral Ottos for Cachous, &c.; Fruit and Soluble Essences, Chemicals, &c.

THE LONDON ESSENCE CO., Ltd.
(Proprietors of THE LESCOL PERFUMERY CO.)
Lomond Grove, Camberwell, LONDON, S.E.5.
Telephone: 810 HOP. Telegrams: "VANILLIN, CAMBER, LONDON."

DEARBORN Limited,

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialties.

		Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP	a complexion soap	10/-	1/-
PROLACTUM	for the lips	10/-	1/-
PARSIDIUM JELLY	for wrinkles	10/-	1/-
ALLACITE OF ORANGEBLOSSOM	a dressing cream	22/6	2/6
BORANIUM	a hair tonic	22/6	2/6
CLEMINITE	for a face lotion	22/6	2/6
COLLIANDUM	for a face tint	22/6	2/6
ONALITE	a foot powder	22/6	2/6
PERGOL.	a deodorant	22/6	2/6
STALLAX	for a shampoo	22/6	2/6
JETTALINE	for clearing the skin	31/6	3/6
PHEMINOL.	a depilatory	36/-	4/-
MENNALINE	for the eyelashes	36/-	4/-
MERCOLIZED WAX	a face cream	31/6	3/6
STYMOL	for oily complexions and blackheads	36/-	4/-
BARSYDE	dandruff eradicator	22/6	2/6
TAMMALITE	for grey and faded hair	22/6	2/6
LIQUID PERGOL.	to check excessive perspiration locally	31/6	3/6
BICROLIUM	for whitening the hands	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES.

COLONIAL DEPOTS AND AGENCIES.

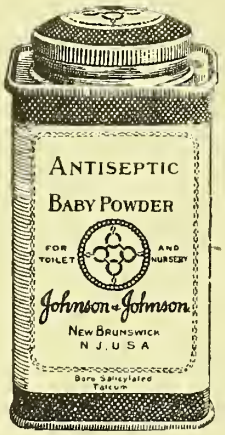
AUSTRALIA.
ALL WHOLESALERS and DEARBORN, Ltd. Grace House, Clarence St., Sydney.

SOUTH AFRICA.
LENNON & CO., Ltd. (Cape Town, Johannesburg, Port Elizabeth, Durban, etc.)
SIEVE BROS. & KARNOVSKY ((Johannesburg).

INDIA.
KEMP & CO., Ltd. (Bombay).
SMITH, STANISTREET & CO. (Calcutta).

NEW ZEALAND.
SHARLAND & CO., Ltd. (Auckland and Wellington).

SOUTH AMERICA.
DEARBORN, LTD. Calla Salta, 264 Buenos Aires.



Look for the Name and Trade Mark.

ANTISEPTIC BABY POWDER

MANUFACTURED BY

Johnson & Johnson.

We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

WARNING. The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

JOHN TIMPSON & CO., Ltd.,
104 Golden Lane,
LONDON, E.C.

WE ADVISE YOU
TO STOCK OUR
"MOOVIT" CORN PENCILS

which are being extensively advertised. This continual advertising, proven merit, and satisfied customers, have created a steady demand. We furnish attractive showcard and window bills. Why not keep a supply and profit by the easy sales created?

Try a sample dozen 10/-; sells at 15/-
which gives you a very handsome profit, and is on the P.A.T.A.

Cash with Order. All goods are carriage paid. The time to order is now, while you have the matter before you.

TALBOT WILSON,
20 HIGHGATE ROAD, LONDON, N.W. 5

IMMEDIATE DELIVERY

GATES' BOTTLE CAPPING SKINS

SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Baudruche manufacture being now unobtainable, I have put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

"Mine beat all others."

Sole Pioneer and Only English Manufacturer:

LESLIE GATES
HAILSHAM, SUSSEX.

Another New Speciality.—Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

INCREASING POPULARITY OF "HARLENE HAIR DRILL."

EVERY DAY EMPHASISES THE NECESSITY FOR MEETING THE PUBLIC DEMAND.

The widespread publicity initiated by the Proprietors of "Harlene" over a number of years and vigorously maintained right up to the present time, in spite of many difficulties and increasing expense, continues to draw an immense response from all parts of the country. Thousands of sample parcels are dispatched daily, thus increasing the number of possible customers to retail stores everywhere.

HAVE YOU A GOOD STOCK OF "HARLENE HAIR DRILL" PREPARATIONS?

NOTE—The Contents of the Free HARLENE OUTFITS Comprise:

1. A Trial Bottle of Harlene.
2. A "Cremex" Shampoo Powder.
3. A Trial Bottle of "Uzon" Brilliantine.
4. Book of Instructions.

FOLLOW THE TIDE OF SUCCESS.
Watch the great Free Gift Advertising Campaign that brings the Customers to your shop.

No Chemist or Store can afford to be without this unique line of Toilet Preparations.

"HARLENE" FOR THE HAIR" "ASTOL" FOR GREY HAIR
"UZON" BRILLIANTINE "CREMEX" SHAMPOO POWDERS
"ASTINE" VANISHING CREAM "ASTINE" SHAVING STICK
"ASTINOL" AROMATIC FLUID.

For Particulars, Advertising Literature, &c., write to

EDWARDS' HARLENE, Ltd.

20, 22, 24 and 26 LAMB'S CONDUIT STREET, LONDON, W.C. 1.

Gibbs'S "Cold Cream" Shaving SOAP

NOW AVAILABLE.

In Nickel Sticks "De Luxe"

Most Attractive Packing and good Showcards.

Retail Price **1/3**

In Enamelled Metal Sticks (Green and Gold) — *Retail Price* **1/-**

In Enamelled Metal Sticks (Blue and Gold) — **7d.**

Well Advertised.

□□□

Good Profits.

D. & W. GIBBS, Ltd., City Soap Works, LONDON, E. 1.

'KO-TAL-KO'

CERTAIN IN RESULTS and CERTAIN IN SALES

THE PUBLIC WANT IT

For strong advertising has taught them its merits, and practical experience has proven its claims. "KO-TAL-KO" is the strongest recommended hair preparation on the market, and this, in conjunction with my widespread publicity, is the best of all reasons why

YOU SHOULD STOCK IT.

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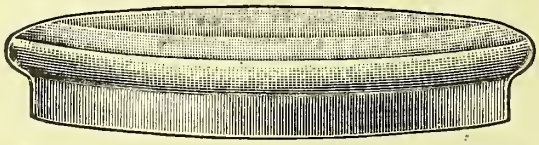

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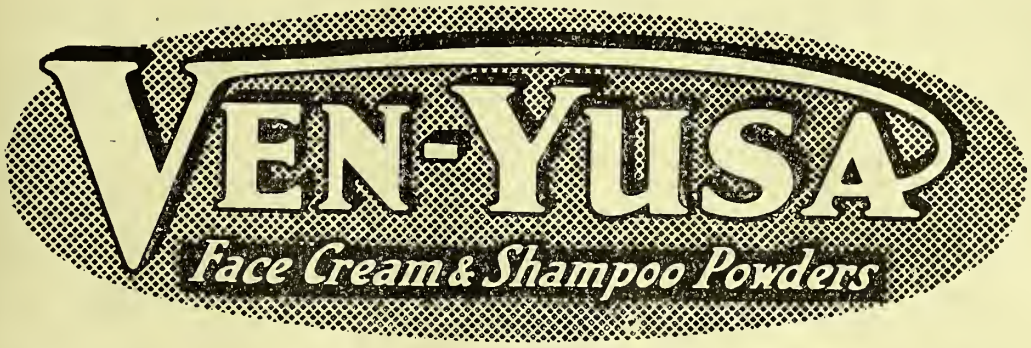

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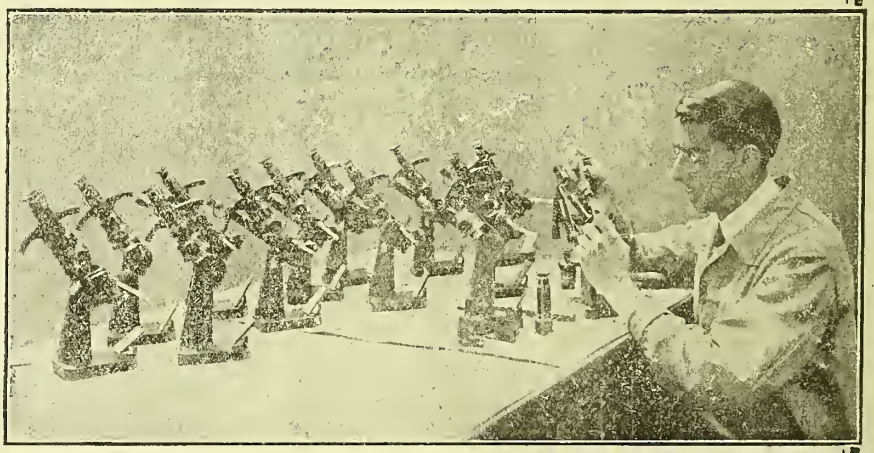

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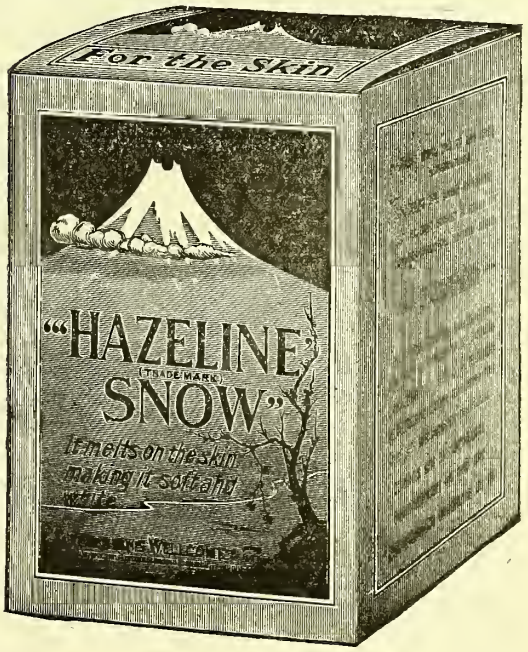

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Coming Events.

Friday, May 23.

Amalgamated Society of Pharmacists, Drug and Chemical Workers, George and Dragon Hotel, High Street, Acton, London, W., at 8.15 P.M. Meeting. All Chemists' managers and assistants invited.

Wednesday, May 28.

Birmingham Chemists' Assistants, Chamber of Commerce, New Street, Birmingham, at 2.30 P.M. Address on "Industrial Councils," by delegate from the National Association of Chemists' Assistants, to assist the formation of a local association.

North London Pharmacists' Association, Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, London, E.C., at 8.30 P.M. Annual meeting.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4.30 P.M. Mr. Harry J. Powell (Whitefriars Glass Works) on "Glass Making Before and During the War."

Manchester Assistants, Memorial Hall, Albert Square, at 3 P.M.; Chess Club Room, 65 Market Street, at 7.30 P.M. Meetings addressed by Sir William Glyn-Jones to consider the desirability of organising assistants.

National Association of Women Pharmacists (London Group), Dr. Williams' Library, Gordon Square, London, W.C., at 7.45 P.M. Special meeting.

Thursday, May 29.

Drug Trade Appeal Fund, 110 Temple Chambers, Temple Avenue, London, E.C., at 3 P.M. Annual meeting.

Leeds Assistants. Grand Central Hotel, Briggate, Leeds, at 3 P.M. and 7.30 P.M. Meetings addressed by Sir William Glyn-Jones to consider the desirability of organising assistants.

Friday, May 30.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 5.30 P.M. Sir John Rose Bradford, F.R.S., on "A 'Filter-Passing' Virus in Certain Diseases."

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

War Regulations Altered.

Oatmeal.—A general licence has been issued which allows the sale of oatmeal, oat-flour, and other like products free from the restrictions imposed by the Oats Produce (Retail Prices) Order, 1918.

Quebracho.—The Quebracho (Dealings) Order, 1918, has been cancelled.

Cocaine Cases.

At Tower Bridge Police Court, London, on May 17, Sapper H. J. C. Draper, R.E., charged on remand with attempting to administer cocaine to a woman, and with having cocaine in his possession (*C. & D.*, May 17, p. 49), was sentenced to three months' hard labour. Mr. A. H. M. Muter, public analyst, giving evidence, stated that 2 gr. of cocaine would be sufficient to kill a person.

At Marylebone Police Court, London, on May 19, R. P. Colgan, describing himself as chief dispenser at the Prince of Wales Hospital for Officers, Marylebone Road, was charged on remand with being an unauthorised person having cocaine in his possession (*C. & D.*, May 17, p. 49). He was further charged with offering to procure cocaine for Lieutenant Eric Frank Ambrose Goodwin between November 10 and 26, 1918, and with selling cocaine to him on February 7 last. Counsel for the Director of Public Prosecutions stated that in April 1917 the Prince of Wales Hospital had a supply of seven 1-oz. bottles of cocaine in its medical store. The normal amount used would be about 1 oz. a year. These bottles remained in the poison cupboard until January of this year, when, as an inspection was about to take place, the prisoner remarked to a young woman dispenser that the cocaine ought not to be there, and took away several bottles of it. When it came to the knowledge of the military that Goodwin was taking drugs he was put into communication with the authorities. Lieutenant Goodwin, giving evidence, said that when asked to obtain cocaine the prisoner remarked that it was very expensive. He gave Colgan 2*l.* or 3*l.* on account, and afterwards sent him 2*l.* from Hull, receiving a registered packet containing a small quantity of cocaine. Early in November he received some more, and at the end of the same month the prisoner handed him a 1-oz. bottle partly filled with cocaine, for which he paid him 10*l.* On February 7 he bought some more from him for 10*l.* Defendant, who denied having supplied the lieutenant with cocaine, was sentenced to five months' imprisonment in the second division.

Birmingham.

Some of the seats for viewing the Royal procession on May 21 fetched 5*l.* 5*s.* each.

The current value of an errand-boy, judging from a recent advertisement in the local Press, is 15*s.* a week of forty-seven hours.

The painter of "Cocaine," the Royal Academy picture referred to in the *C. & D.*, May 10, p. 62, is a Birmingham man. So far as is known, he has no association with pharmacy.

There is likely to be a run on "bleaching powder," which has been recommended in the "Birmingham Mail" as an addition to boiling water for certain domestic purposes. Pharmacists will know how to correct this statement.

At Old Hill Police Court, on May 14, Mark Woodward, commercial traveller, was sentenced to three months' hard labour for embezzling the sum of 20*l.* belonging to his employers, A. S. Price & Co., Ltd., manufacturing chemists, Blackheath.

The meeting of employés on May 16 (see p. 65) was not confined to those engaged in retail pharmacy. The gathering was a large one, drawn from many neighbouring towns as well as from Birmingham. Some of the numerous

speakers displayed considerable powers, but towards the end Sir William Glyn-Jones appeared wearied, if not worried.

Liverpool.

Mr. John H. Robinson is extending his vacation by visits to Westmorland and Cornwall.

The few pharmacies which recently changed hands fetched prices showing a considerable increase on pre-war figures.

The increased supplies of sugar for the manufacture of syrups and cordials are appreciated. Wholesalers are filling orders for summer beverages.

Mr. W. H. Saunders (Ayrton, Saunders & Co., Ltd.) has been elected President of the Liverpool Lyceum. This institution was founded in 1801, and has fine premises in Bold Street. Dr. Charles Symes is one of the trustees, and has been a proprietor since 1883.

Many American soldiers who are making a tour of the sights of the city have been noticed taking an interest in the former Apothecaries' Hall, Colquitt Street. (It is apparently mentioned in some New York publication that they have consulted.) Though now devoted to another business, its original purpose remains clearly defined by the architectural features.

Manchester.

As camphor is very dear, the demand for naphthalene is increasing.

It is arranged that Sir William Glyn-Jones will address Manchester assistants on the Whitley scheme.

Chemists are finding a decided slackening in business: many people are evidently saving up either for their holidays or for Whitsuntide.

Mr. F. W. Bates, J.P., Brooks Bar, has been re-elected Chairman of the Education Committee of the Stretford District Council. It is now practically a quarter of a century since Mr. Bates took up public work, and he has never been opposed in any subsequent election.

The election of Mr. A. Hershberg, pharmacist and optician, as President of the Manchester Pharmaceutical Association, will be a popular one, as he has worked long and strenuously for his fellow-craftsmen. Only those closely associated with him know the services he has rendered as Secretary of the Pharmaceutical Committee.

With the summer-like weather that we are having, chemists who cater for amateur photographers are having a busy time. Very few can keep pace with the demand. The manufacturers have apparently not got into their stride yet, and it is still extremely difficult for photographic dealers to get adequate supplies. Much business is being lost in consequence.

Very few chemists will associate the name of C. Brown (who is mentioned in an article entitled "Notes on Manchester Cricket Clubs" in the "Manchester Guardian" of May 16) with that of "Charlie" Brown, the Manchester representative of Ayrton, Saunders & Co., Ltd. Mr. Brown has just been re-elected captain of the Broughton C.C. Many old "Muterites" will remember him as captain of their cricket club in 1896.

Sheffield.

The Secretary of the Sheffield Pharmaceutical Committee would be glad to receive particulars of any serious delay in the transport of drugs.

The news of the death of Mr. Thomas Dobb, Ph.C. (see p. 55), will be received with sincere regret. Mr. Dobb was a contributor to the local Society in its earlier days.

The pharmacy conducted by Mr. J. C. Gibson at Chapeltown has been in possession of his family for a hundred years. Miss Gibson is relinquishing her work as postmistress through failing health.

A fairly large number of members of the Sheffield Pharmaceutical and Chemical Society who are active workers but non-proprietors are far from satisfied at being refused the vote for the Local Associations Executive, which, they maintain, deals with matters vitally affecting their interests.

Miscellaneous.

Proposed British Empire Exhibition.—A resolution expressing the desirability of holding a British Empire Exhibition in London in 1921 was adopted on May 20 at a City gathering of business men and representatives of the Dominions. Lord Sydenham intimated that the Government would be approached on the matter, and, with their concurrence, a committee would be formed to undertake the organisation.

Poisonings.—An inquest was held at Blackburn, on May 20, on the body of Oliver Smith, wood turner. Evidence showed that an 8-oz. mixture containing ½ oz. of sodium sulphocarbolate had been prescribed by Dr. Greeves and dispensed by Mr. H. Martin, chemist and druggist, Brookhouse. The dose prescribed was a teaspoonful three times a day, but Smith had "kept sipping" from the bottle. The police surgeon, who had made the autopsy, estimated that ten times too much of the mixture had been taken. A verdict was given in accordance with the medical evidence.—Kate Henshaw, typist, Fishguard, committed suicide with a poison not named at the inquest (held on May 17), after sending poison on two occasions to a man and urging him to die with her.—At Londonderry a child named Green died from drinking a disinfectant fluid.

"Drug Union News."—The official organ of the Amalgamated Society of Pharmacists, Drug and Chemical Workers (31-33 High Holborn, W.C. 1) now bears the title "Drug Union News" "for short," as the editor explains:

> Men and women have grown to love our union, though it is not yet a year old, and call us the "Drug Union." Well, we were christened a long name embracing all our godfathers, but we give a sigh of relief and say "Yes."

The first article in the paper deals with the outstanding question of an Industrial Council or Trade Board, and the opinion is given that "to be effective all employés should be in a trade union, preferably one which caters solely for the trade, and employers should be so associated as to provide the same security as the Drug and Fine Chemical Manufacturers' Association."

B. W. & Co. Sports.—The rearranged and enlarged sports and athletic grounds of the "Wellcome" Club and Institute, Dartford, were opened on May 17 by Dr. Jowett, manager of the "Wellcome" Chemical Works. The grounds comprise a football and hockey field, a nine-hole golf putting course, six tennis courts, a lawn-bowls green, and two croquet courts. Ideal weather prevailed, and during the afternoon a number of tournaments took place. The various contests were entered into with great enthusiasm and elicited keen competition. After an interval for tea, which was served on the lawn, the sports were resumed and subsequently dancing took place on the orchard lawn, which had been tastefully decorated and illuminated. An excellent musical programme was provided by St. Vincent's Band. The festivities concluded with the presentation of prizes to the winners of the tournaments by Mrs. Jowett.

Sale of Food and Drugs Acts.—During the hearing of an action in Bloomsbury County Court, London, on May 19, Judge Bray said that, according to a public analyst, whose name had been mentioned, "salad oil is a vegetable oil, and it is not necessarily olive oil. It originally meant olive oil, but gradually other vegetable oils have been used." The action was the outcome of a case in which Walton, Hassell & Port, Ltd., grocers, had been fined for selling a mineral oil as salad oil. They now recovered 44*l.* 10*s.* from Mr. Brice, New Broad Street, E.C., for breach of contract.—In his latest quarterly report, Mr. J. F. Liverseege, Ph.C., analyst for Birmingham, states that two samples of ground liquorice-root contained 14.4 per cent. of ash (of which 9.0 per cent. was sandy matter), and the matter soluble in water only amounted to 5.6 per cent., so that the drug was almost worthless. Microscopic examination showed the presence of a proportion of stone cells, which are foreign to genuine liquorice-root. The vendor was prosecuted for the formal sample, and his expert witness made no attempt to disprove the analysis, but stated that the drug was much

more used for veterinary purposes than for human use, and the magistrate dismissed the case. Under the Sale of Food and Drugs Act, "food" is limited to human food, but there is no such limitation with regard to the term "drug." In two samples of camphorated oil, sesame oil had been used instead of olive oil. The vendors were prosecuted, but the summonses were withdrawn, as the Recorder quashed the conviction of a vendor who last year sold a sample of camphorated oil prepared with 23 per cent. of a liquid paraffin. A sample of compound liquorice-powder contained starch in place of sugar, but a summons taken out in this case was also withdrawn.

In the Courts.—At Aberdare Police Court, on May 14, C. E. Perkins, trading as the Imperial Veterinary Medicine Co., Bristol, was fined 100*l.*, with the alternative of three months' imprisonment, for overcharging on the sale of a ton of dairy meal.—At Rotherham, on May 14, a lad aged eleven was charged with stealing the sum of 11*l.* from the shop of Mr. Frank Bingham, chemist and druggist, Masbro' Street. Evidence showed that 7*l.* 6*s.* 3*d.* of the money had been recovered after being buried in a garden. The lad was bound over, three boys to whom he had given presents were ordered to pay costs, and the various parents were ordered to refund the missing amount.—At Newcastle-on-Tyne, on May 16, George Roy Fortune, medical practitioner, was fined 50*l.* for having disobeyed an order of the Local Government Board requiring the notification of ophthalmia neonatorum. It was stated that his attention was called to a discharge from the eyes of a baby girl, that he failed to notify the case, and that the child became blind.—At Tower Bridge Police Court, London, on May 16, Leo J. F. Leopold, Avenue Terrace, Westcliff, described as of no occupation, was remanded on bail on a charge of stealing 22*l.* 3*s.* 8*d.* belonging to his employers, James Pascall, Ltd., wholesale confectioners, Blackfriars Road, S.E. It was stated that the company had paid the accused 5*l.* a week to manage a welfare fund for the benefit of their employés.—At Marylebone Police Court, London, on May 19, Robert Payne, herbalist, Third Avenue, Queen's Park, W. 10, was fined 5*l.*, with 3*l.* 3*s.* costs, for selling morphine as an ingredient in a bottle of medicine without labelling the bottle with the name of the article, the word "Poison," and the name and address of the seller.—At the Central Criminal Court, London, on May 20, William Hall, accountant, pleaded "Guilty" to forging and uttering cheques for 126*l.* 15*s.* and 52*l.* 10*s.*, purporting to be signed by Mr. F. J. Lovegrove, managing director of Charles Page & Co., chemical manufacturers and merchants, King William Street, E.C. (*C. & D.*, May 10, p. 48). Previous convictions dating back to the year 1895 having been proved, Hall was sentenced to three years' penal servitude.

Irish News.

Brevities.

Mr. R. F. McCartney, M.P.S.I., Coleraine, has been appointed an affiliated member of the Ulster Unionist Council.

Mr. J. E. O'Neill, J.P., R.D., Maghera, who is a County Councillor for Londonderry, has been appointed a delegate from that body to the new Association of Ulster County Councils.

The pharmacy, with its various branches, carried on at Church Street, Coleraine, by the late Sir William Baxter, D.L. (ex-President of the Pharmaceutical Society of Ireland) (*C. & D.*, 1918, p. 1039), is to be sold as a going concern on May 31. This is one of the largest businesses of the kind put up for auction in the north of Ireland for many years.

A number of employés at the soap-works of D. Brown & Son, Ltd., at Donaghmore, have gone out on strike owing to the management having declined a demand for the expulsion of all non-union workers. The management allege that on the termination of the previous strike it was agreed, on behalf of the Workers' Union, that no objection should be made in future to non-union workers. Business is still proceeding.

Belfast.

The annual competition for the McMullan Challenge Cup will be held on the links of the Dunmurry Golf Club, Belfast, on June 4. The competition is confined to members of the Ulster Retail Drug Trade Association, and those connected with the Drug and Allied Trades in Belfast and district, subject to the approval of the Committee. Mr. H. G. Pring (Grattan & Co., Ltd., chemists) has invited the competitors to tea in the clubhouse. The cup is the gift of Mr. W. McMullan (Thomas McMullan & Co., wholesale druggists, Belfast).

Drugs and Appliances Contracts.

The Athy Board of Guardians has awarded its contract to Sumner & Co., Liverpool (*C. & D.*, May 10, p. 49). Clarke & Co., Belfast, have written to the Boyle Board of Guardians pointing out that the delay complained of with regard to the delivery of goods was due to the railway company. The dispenser explained that the railway company has no arrangement for delivering goods, consequently these were left at the station. The firm was notified that the terms of the contract include delivery at the dispensary. The Gort Board of Guardians has now awarded its contract for drugs, etc., to Sumner & Co., Liverpool (who tendered 15 per cent. discount), instead of to a Dublin firm (at 10 per cent. discount), the Local Government Board having refused to sanction the latter contract.

Scottish News.

Brevities.

Money is scarcer throughout Scotland.

The Vinolia Co., Ltd., are to be congratulated on the prompt issue of a revised perfume price-list dated May 12.

It is understood that Lord Leverhulme has purchased the greater part of the island of Harris, which is connected to his estate of Lewis by a narrow isthmus.

The fall in the price of paraffin wax will be a severe blow to the Scottish mineral oil companies. It is estimated that the decrease will mean a loss of 600,000*l.* per annum.

In informal conversations, a uniform overtime charge of 6*d.* a call is favoured. It would then be seen whether more than about 5 per cent. of night calls and Sunday purchases are necessary.

Among the samples of drugs analysed in Stirlingshire during the past quarter were three of cream of tartar, two of which were found to contain respectively 26 and 27 parts of arsenic per million.

The dispensing of a Norwegian prescription, not long ago, by a Scottish chemist who does not cut prices, elicited the information that his charges were considerably lower than those obtaining on the Continent.

Arrangements are being made by the Local Government Board for the treatment of rabies in Scotland, should that become necessary. Patients will be under the care of Professor Ritchie, 2 Forrest Road, Edinburgh.

Fife chemists are distinguishing themselves in sports. Mr. J. B. McLaren, Kirkcaldy, was first of fifteen competitors in a recent angling competition on Loch Leven; and Mr. D. A. B. Leadbetter, Lochgelly, is taking a leading part in reorganising the Lochgelly United Football Club.

In the Glasgow Court of Session, on May 16, Mr. Robert Whitelaw, surgical instrument manufacturer, Woolmanhill, Aberdeen, was refused a diligence to recover certain documents relative to a slander action in which he is the defendant. The judge remarked that there was nothing to prevent Mr. Whitelaw from taking precognitions from certain persons.

The "Fifeshire Advertiser" of May 10 says: "The National Health Insurance funds, wrung every week from both employers and employed, give to neither class any adequate return, and we hear now and again of considerable amounts of the surplus funds going to pay salaries of 1,000*l.* a year to very ordinary persons." Chemists also are without "any adequate return," and are well aware

that they earn something of the profit shared by "very ordinary persons."

Dundee.

Half of the current advertisement of Draffen's, drapers, in a local paper, is devoted to perfumes.

The premises at 56 Nethergate, formerly occupied by the late Mr. Charles Kerr, Ph.C., were bought by Smith & Moncur, solicitors, for 1,820*l.* at the auction on May 20.

Mrs. Beattie, widow of the late Mr. J. B. Beattie, is giving up business at 4 Wellgate, and has transferred the prescription-books to Mr. James Anderson, chemist and druggist, Commercial Street.

Edinburgh.

The Edinburgh Pharmacy Athletic Club's annual sports will be held at Powderhall on June 11.

Abdominal tuberculosis, states the latest annual report of the Royal Edinburgh Hospital for Sick Children, is more frequent in Scotland than in any other civilised country.

It was stated at a meeting held on May 19, under the auspices of the National Dental Association, that there are 33,000 qualified men in dentistry who are not connected with any organisation.

On May 20, the Second Division advised a reclaiming note for the defenders in the action by Mrs. Joan T. Hodsdon against Boots Pure Drug Co., Ltd., 1 South Clerk Street, for 65*l.* rent alleged to be due.

Mr. Robert Meyer, Ph.C., who has for about four years been managing Mr. David Mason's Comely Bank branch, is about to return to Trinidad to resume his business activities—interrupted by the war. Mr. Meyer originally came from Trinidad to serve his apprenticeship with Mr. Peter Boa, Ph.C., Morningside Drive. Pursuing his studies with Mr. William Duncan, he passed the Minor examination in 1910, and the Major in the following year.

Mr. George Somerville, South Clerk Street, has purchased the business of Mr. James Lockerbie, 39 Warrender Park Road, and is to continue it under the management of Mr. J. Douglas Watson. Mr. Watson has just been released from the Army, after having spent a year and a half at Salonica and about the same length of time in Italy. In pre-war times he was an active member of the Pharmacy Athletic Club and the Junior Association. Mr. Lockerbie has been about thirty years in business in Warrender Park Road, having removed from Lauriston Place when that vicinity declined in value as a shopping district.

Glasgow.

A boilermaker living in Partick drank carbolic acid in mistake for whisky, with fatal results.

The Botanic Gardens have seldom, if ever, been the happy hunting-grounds of so many budding botanists as at present.

It has been decided by Glasgow Corporation to plant a large area with willows. We may yet see a corporation salicin factory!

A branch of the Amalgamated Society of Pharmacists, Drug, and Chemical Workers has been formed for Glasgow and the West of Scotland.

Anderson & Buchanan, surgical-instrument makers, 54 Renfield Street, have dissolved partnership. Debts and liabilities will be discharged by Mr. Thomson McLintock, C.A.

As already indicated in the *C. & D.* (May 10, p. 48), the National Association of Industrial Chemists is being converted into a trade union. A section is being formed for Glasgow.

To allow the members of the Birmingham Pharmaceutical Association to tender their personal congratulations to Sir William Glyn-Jones (who was the guest of the Association) upon the honour recently conferred upon him, a luncheon was given at the Grand Hotel on May 14. Mr. H. O. Lloyd presided. Sir William, in response to a request, detailed the steps which led the Pharmaceutical Society to put forward the proposed new by-law, admitting certain persons to registration without passing the Qualifying examination.

Organising the Drug-trade.

Drug Union's Meeting.

A successful meeting was held under the auspices of the Amalgamated Society of Pharmacists, Drug and Chemical Workers, at Walham Green, London, on May 12, Mr. D. A. Rees, Ph.C., in the chair. Mr. W. Greenfield, chemist and druggist, gave a brief history of the Society, and also outlined how the Association came into existence governed by and composed of pharmacists and assistants in the retail and wholesale drug trades. Mr. J. Todd, chemist and druggist, showed that organised trades had continuously improved their status. At the conclusion of the meeting a number of new members was obtained.

National Association of Chemists' Assistants.

Two successful meetings were held at the Crossway Hall, New Kent Road, London, on May 14 and 15, under the auspices of the National Association of Chemists' Assistants. Mr. D. N. Fullerton (Manchester) addressed both meetings, explaining the objects and aims of the Association. He also outlined how the Association came into existence through the efforts of the Manchester Chemists' Assistants' Association. After some questioning, a resolution was carried at both meetings deciding to form a branch of the N.A.C.A. for London and the South of England. Mr. E. C. Last (Purley) has been appointed Hon. Organising Secretary, and a London office will be opened as soon as possible.

Birmingham Employés Meet.

A successful meeting of pharmaceutical employés of both sexes (called by the Pharmaceutical Society) was held in the Temperance Hall on May 14. Representatives from Coventry, Oxford, Wolverhampton, Redditch, Kidderminster, Stoke-on-Trent, and other districts were present. Mr. H. O. Lloyd occupied the chair, and the meeting was addressed by Sir William Glyn-Jones, who explained the scheme of Government assistance in training demobilised men, urging all who were eligible to participate in the advantages granted. He stated that the Chairman was the pharmaceutical representative upon the Selective Committee for Birmingham and surrounding districts, and was also the Birmingham Interviewing Board. Steps are being taken with the Birmingham Technical School Committee to arrange for a course of pharmaceutical lectures. He then stated the reasons which had led the Pharmaceutical Society to call the meeting, and made clear the position of pharmacy in relation to Trade Boards and Industrial Councils. An animated discussion ensued.

Successful Invasion of Scotland.

A meeting of over 300 pharmacists, chemists' assistants, and wholesale drug workers was held in the Masonic Hall, Glasgow, on May 16, Mr. A. B. Gilmour in the chair. The speaker was Mr. Herbert Skinner (London), who expounded the need for a union at the present time, and urged that it should be a craft union. He demonstrated that the Amalgamated Society of Pharmacists, Drug and Chemical Workers was the only one which answered. Questions were put, and the following resolution carried: "That this largely attended meeting of wholesale and retail drug employés hereby resolves to form a Glasgow and West of Scotland Branch of the Amalgamated Society of Pharmacists, Drug, and Chemical Workers." The branch starts with a nucleus of over 300. — On May 19 Mr. Skinner travelled to Edinburgh, where another large and enthusiastic meeting was held in the Pharmaceutical Society's Hall, 36 York Place, Mr. Nightingale in the chair. Mr. Skinner, finding that the Chairman had, at the previous meeting, outlined the necessity for a union, confined himself to the details of management. After questions had been answered, a resolution similar to the Glasgow one was carried. The following office-bearers were elected: *President*, Mr. H. R. Nightingale; *Vice-President*, Mr. R. C. Burton; *Secretary*, Mr. G. M. Abercromby; *Treasurer*, Miss J. M. Findlater. *Members of Committee*: (Public Dispensers), Mr. Waugh; (Wholesale), Messrs. Blair, Kerr, and Mark; (Retail, qualified), Miss Galloway, and Messrs. Hart and Nimo; (Retail, unqualified), Miss Wann, and Messrs. Baillie and Howie; (Apprentices), Messrs. Crawford and Watt, with power to add to the number. It was intimated that two branches were being established in Aberdeen and Dundee. At the close many members were enrolled. All employés in Edinburgh and district, including the Border Counties, are requested to communicate with the secretary (Mr. Abercromby), 26 Marchmont Crescent, Edinburgh. It is hoped to set up a district Council within the next few weeks.

Pharmaceutical Society of Ireland.

Council-meeting.

The monthly meeting of the Council of the Pharmaceutical Society of Ireland was held on May 13, at 67 Lower Mount Street, Dublin. Mr. James Michie (President of the Society) presided, and the following members of the Council were also present: Dr. J. A. Walsh, Dr. A. J. Barnes, Messrs. G. D. Beggs, J.P. (Hon. Treasurer), D. M. Watson, W. F. Wells, A. Owen Wells, Victor E. Hanna, R. Blair, and H. Lancashire, J.P.

Mr. J. E. Connor, J.P., wrote apologising for absence, and stating that he expected the train service would soon be normal.

Sir William Glyn-Jones Congratulated.

Mr. W. F. Wells said he thought it would be the desire of the members of the Council that, before they proceeded with the business on the agenda, they should offer their hearty congratulations to Sir Wm. Glyn-Jones on the honour that had been conferred on him by his Majesty. He proposed:

That this Council do convey to Sir William Glyn-Jones its hearty congratulations on the honour recently conferred on him by his Majesty the King. The Council wish Sir William long life to enjoy the honour and in which to continue his great services to pharmacy.

Mr. Wells said that Sir Wm. Glyn-Jones had been a well-known pharmacist for a great number of years. In connection with the Proprietary Articles Trade Association and the Chemists' Defence Association, he had done work which had been an immense benefit to pharmacists all over the United Kingdom. More recently he had done a great deal of good work in connection with Parliamentary matters as a member of Parliament. When the Pharmaceutical Society of Ireland was interested in the Bill of 1908, he gave them a great deal of support, and helped them in every way he possibly could; and he (Mr. Wells) knew that for many years he had the greatest possible sympathy with pharmacy in Ireland.

Mr. Beggs said that, as an old friend of Sir William Glyn-Jones, he wished to second the resolution.

Dr. Walsh, supporting, said it had been his privilege to be in London with Mr. Wells in connection with Parliamentary matters; and Sir Wm. Glyn-Jones never spared himself where there was any possibility of doing them a service. In his services to the P.A.T.A. and the C.D.A. he had probably conferred greater benefits on pharmacists generally than any other man living.

Mr. Watson said he had been in London and had to see Sir Wm. Glyn-Jones; and in conveying his personal congratulations he thought he might offer also the congratulations of the Council. But he was sure Sir Wm. Glyn-Jones would be glad to receive the formal congratulations of the Council as well. He had always been extremely ready to do anything that he could for them when they had gone to see him. They were particularly indebted to him in connection with the work that he did when the National Health Insurance Act was being considered; and though it did not apply to Ireland eventually so far as medical benefits were concerned, a solidarity had been established at that time amongst pharmacists the effect of which had continued. There were a couple of items on the agenda in connection with which they would have an opportunity of learning that Sir Wm. Glyn-Jones had even recently been of additional service to them.

Mr. Lancashire, J.P., associated himself very heartily with the congratulations.

The President said he had very great pleasure in associating himself with the vote of congratulation. No one had done more for pharmacy than Sir Wm. Glyn-Jones, and he thought that a high honour had been done to pharmacy in the honour that had been bestowed upon him.

The resolution was passed unanimously.

Army Dispensers.

The Registrar (Mr. A. T. Ferrall) submitted a letter from the War Office with regard to Army Council Instruction No. 8 of 1919, which deals with the classification and employment of pharmacists and dispensers.

Mr. Watson said that was one of the things that they might to some extent thank Sir Wm. Glyn-Jones for. He (Mr. Watson) had seen him and pointed out to him some matters in connection with the druggists' qualification, which strengthened his hand in moving the Army authorities. Unfortunately, to some extent these things were not referred to the Council or to the Pharmaceutical Society, even when their licentiates and druggists were concerned. He understood that when the first instruction was made it was not referred to Sir Wm. Glyn-Jones, but that subsequently, at his suggestion, the alteration which the Council suggested was made.

Mr. W. F. Wells said he also thought that it was to the great efforts of Sir Wm. Glyn-Jones that the advances which had been made in the Army Service were due. He had read recently that one pharmacist had got commissioned rank in the Navy. That looked as if other matters would advance too. They had got a little, and probably Sir Wm. Glyn-Jones would not stop until he got commissioned rank for others. It was very satisfactory that they had got as much as they had.

The President: It is, indeed.

Ministry of Health Bill.

The Registrar read a letter from Mr. Shaw, stating that he was desired by the Chief Secretary for Ireland to acknowledge the receipt of his letter of April 30, relative to the Ministry of Health Bill, and to say that the representations of the Pharmaceutical Society of Ireland would be carefully considered.

The President said that the delegation appointed to wait on the Attorney-General were asked to apply to the Chief Secretary. The Chief Secretary was too much engaged to receive a deputation, but he asked them to put their views before him in writing. They had done that. They met in the Council-room and drew up a letter, which they submitted. The letter the Registrar had read was the reply to their communication.

The letter of April 30 to the Chief Secretary was as follows:

Sir,—*Re* Ministry of Health Bill. With reference to your letter of the 17th inst., I have the honour to state that I am instructed by the President and Council of the Pharmaceutical Society of Ireland, in view of the probable passing of the above Bill and its application to Ireland, to submit their views with reference to the utilisation of pharmaceutical chemists for the efficient carrying out of the Act.

The Pharmacy Act of 1875 was passed in order to meet the requirements of the public for a properly trained body of men to dispense medicine and to ensure a proper supply of medicine of standard quality.

The practice in Ireland is for the physician to prescribe and for the pharmaceutical chemist to dispense, so that the two branches of the profession are quite distinct.

The physician is not necessarily trained in pharmacy, and relies on the chemist to procure, supply, and guarantee the medical and surgical appliances he prescribes.

The licentiates of the Pharmaceutical Society have to undergo an apprenticeship of four years in practical pharmacy and special training in chemistry, materia medica, and botany, and pass a searching examination to qualify as a pharmaceutical chemist.

Besides the dispensing of medicines, there is the necessity of guaranteeing that all drugs and chemicals conform to the standards laid down by the British Pharmacopœia. The medical profession, with its ever-increasing demands, has no opportunity of giving attention to these matters, and it is consequently necessary that a properly trained body of pharmacists should be available to do such work. In the matter of appointments of compounders of medicine to hospitals and dispensaries under the control of the Local Government Board, this principle is recognised, as these positions can only be held by pharmaceutical chemists or apothecaries. It is also recognised under the National Health Insurance Act, and the Army authorities have now completed a scheme whereby the dispensing of medicines and control of supplies are in the hands of pharmacists. It is generally admitted that the community has benefited, and that the public funds have been conserved, by the efficient service rendered by pharmacists in the dispensing of medicines and the control of medical supplies.

My Council desire to see an efficient Health Service established in Ireland, and with that object in view they deem it necessary that a representative of pharmacy should be on the Irish Public Health Council, who would be in a position to advise and assist in regard to everything relating to pharmaceutical service.

My Council are of opinion that the importance of the proper supply of medical and surgical requisites justifies them in asking that provision should be made in the Bill for the inclusion of a pharmaceutical chemist on the Irish Public Health Council.

I have the honour to be, Sir,
Your obedient servant,
Arthur T. Ferrall,
Registrar.

Mr. Watson asked whether they should wait indefinitely. The Bill was, he said, in its second reading in the House of Lords. If the Chief Secretary did not reply stating that he was granting their request, were they going to let it slide at that?

The President: I think he has power, if he agrees to do so, to give us one appointment at any rate.

Mr. Watson said what they asked was that by the Statute they should have a representative on the Public Health Council, and that his appointment should not be merely a permissive one to be made by the Chief Secretary.

The President said he was afraid it was too late to do that now. The Bill had gone too far.

Proposed Medical Parliamentary Committee.

The Registrar submitted a letter from the Medical Parliamentary Committee inviting delegates to a Conference held at the Central Hall, Westminster, on May 2, for the purpose of discussing the best method of constituting a permanent Medical Parliamentary Committee.

The President explained that as there was no meeting of the Council between the date on which the invitation had been received and the date on which the Conference was to be held, after having consulted one or two members of the Council, he had asked Mr. Watson to undertake the duty of going to London and representing them at the Conference; and Mr. Watson had been kind enough to do so.

Mr. Watson reported that as a result of his attendance at the Conference he had ensured that in the event of the Committee being formed the Pharmaceutical Society of Ireland would be represented on it.

Sanitary Institute Congress.

The Registrar submitted an invitation from the Royal Sanitary Institute inviting delegates to a Congress to be held at Newcastle-upon-Tyne from July 28 to August 2. Dr. Barnes was nominated to attend.

Ph.C. Diploma Destroyed.

The Registrar read a letter from Mr. W. M. Keys, M.P.S.I., stating that his Ph.C. Diploma was destroyed in a fire at 27 Falls Road, Belfast, and asking to be supplied with a copy.

The letter was referred to the Law Committee.

Preliminary Registration.

The following, who submitted certificates from other bodies, were admitted to Preliminary registration:

Miss Mabel Crooks, Cookstown, Co. Tyrone; Mr. T. M. Walsh, Cloghane, Castlegregory, Co. Kerry; Mr. Robert Hewitt Henry, Monaghan; Mr. Niall Harrington, Tralee, Co. Kerry; Mr. Denis Fitzpatrick, The Pharmacy, Kanturk, Co. Cork; Mr. Valentine G. J. Bowen, 3 Brighton Square, Rathgar, Dublin.

Change of Address.

The following wrote, notifying changes in their address:

Mr. Samuel J. Moore, Ph.C., from the Military Hospital, Belfast, to 15 Exchange Street, Blackburn, Lancashire; and Mr. J. Rowland Guiler, Ph.C., from 84 West Street, Drogheda, to 27 Cromwell Road, Belfast.

Reports from Examiners.

Reports were received from the examiners upon the Preliminary, Pharmaceutical Licence, Pharmaceutical Assistant, and Registered Druggist examinations. Forty-four candidates presented themselves for the Preliminary examination, of whom twenty-two passed, five, of whom four were ladies, passing with honours. One candidate was expelled from the examination because of his use of a table-book on weights and measures during the examination. Twenty-one candidates presented themselves for the Licence examination, of whom twelve passed, three with honours. One received gold-medal marks on the third examination. Six candidates presented themselves for the Pharmaceutical Assistant examination, four of whom passed. For the Registered Druggist examination nine candidates presented themselves and three passed.

The reports were adopted, as were also reports from the Law Committee and the House Committee.

The Registrar reported the deaths of Mr. J. H. Hegarty, Ph.C., Derry, and Mr. Wm. Meek, Ph.C., Enniskillen.

Appointment of Examiner.

Mr. J. Burnett, M.P.S.I., was appointed an examiner for the practical pharmacy division of the Pharmaceutical Licence examination.

Sealing of Pharmaceutical Licences.

On the motion of Mr. Beggs, seconded by Mr. Watson, the pharmaceutical licences of the following were directed to be sealed:

Messrs. T. A. Crooks, P. J. D'Arcy, C. J. Fitzgerald, J. H. Getty, E. F. Guilmartin, A. W. Hughes, R. W. Laird, T. Lavery, T. Leahy, W. H. V. McKay, J. T. Nicholl, and W. J. Nolan.

Facilities for Demobilised Men.

Mr. W. F. Wells proposed:

That Pharmaceutical Licence Examination Regulation No. 1, in so far as it requires the Preliminary examination to be passed prior to the four years' service at pharmacy, shall not apply to any person submitting proof of having served with his Majesty's Forces within the period 1914-1919.

He said the motion spoke for itself. They had considered whether they could do anything to benefit those who had been serving King and country; and they had decided to allow those who had not passed their Preliminary examination prior to their service to do so now.

Dr. Walsh seconded.

Mr. Lancashire, J.P., also spoke in favour of giving facilities to demobilised men similar to those given to them in Great Britain.

The President explained that the interests of demobilised men were being looked after by the Society's representatives on the Ministry of Labour Board in Dublin and in Belfast.

The resolution was passed.

Elections and Nominations.

The following were elected as members: Mr. John A. Bingham, Ph.C., 43 Donegall Place, Belfast (for life); and Mr. Wm. R. Stinson, Ph.C., 113 North Street, Belfast, and Mr. Wm. H. Boyd, R.D., Glensavage, Stillorgan, Co. Dublin, was elected as an Associate Druggist.

The following were nominated for membership: Mr. Wm. J. Nolan, Ph.C., 43 Main Street, Dungarvan, Co. Waterford; and Mr. Francis E. Preston, Ph.C., 70 Rathmines Road, Co. Dublin.

Business Changes.

Mr. C. F. Cooke, chemist and druggist, Boston, has transferred his Bargate business to 22 West Street.

Mr. Bransford has taken over the business known as Dunn's Drug Stores, 438 Garratt Lane, London, S.W. 18.

Mr. J. Baker has taken over the business of the late Mr. T. Gray, chemist and druggist, Barton-under-Needwood, Staffs.

The business of Ashford & Co., chemists, 3 High Street, Clapham, London, S.W. 4, has been closed, and the stock and fixtures have been sold.

Mr. T. A. W. Sewell, chemist and druggist, 30 Lucas Road, London, S.E. 17, has, in consequence of ill-health, disposed of his business to Mr. A. R. Bateman.

H. E. Matthews, Ltd., chemists, Kennington Park Road, London, S.E. 11, have acquired the business of the late Mr. A. Hodgson, 3 Millbrook Place, London, N.W. 1.

Mr. H. Bishop, chemist and druggist, has disposed of his business in Chester, and has acquired that of Mr. John Hill, chemist and druggist, 387 Ladypool Road, Birmingham.

Mr. G. Stewart Dunn, chemist and druggist, High Street, Deal, will in future trade under the style of "Stewart Dunn & Son." His second son, Mr. S. S. Dunn, has been released from the Army.

Mr. R. M. Edwards, chemist and druggist, has acquired the business of Mr. G. F. H. Bartlett, chemist and druggist, at 236 Battersea Park Road, London, S.W. 11, of which he has been the manager.

Bruce's, Ltd., chemists, have purchased the business of Mr. J. Christie, chemist and druggist, 62 Northcote Road, London, S.W. 11, and have appointed Mr. B. P. Parry, chemist and druggist, as manager.

Mr. E. Forbes, chemist and druggist, has purchased the business of Mr. G. F. H. Bartlett, chemist and druggist, at 143 High Street Battersea, London, S.W. 11, of which he has been manager for fifteen years.

N. C. Polson & Co., Ltd., wholesale druggists and manufacturing chemists, are to move their headquarters from Kingston, Ont., to Montreal, where they have acquired a large warehouse at 309 and 311 Notre Dame Street, West, containing 60,000 square feet of floor space.

Saccharin Plant in Finland.—A company has been formed in Finland for the manufacture of saccharin, under the name of A/B Finska Sackarinfabriken. The new factory will be built in Helsingfors, and at first it will obtain raw materials from Saccharin Actiengesellschaft in Magdeburg, Germany. The factory, it is estimated, will produce at least 10 tons per year, and, if necessary, as much as 40 tons. The cost of the plant is estimated at about $1,000,000.—*Oil, Paint, and Drug Reporter.*

Association Affairs.

Banff.—A meeting of the Banffshire Pharmaceutical Association, to which all assistants and apprentices in the county were invited, was held at Banff on May 14, Mr. Pirie (Keith) presiding. It was agreed to send congratulations to Sir William Glyn-Jones. Final figures regarding the Drug Fund of the area for the year 1918 are not yet available, but a deficit, about 100*l.*, due to epidemic illness, appears inevitable. The Insurance and Pharmaceutical Committees have the matter in hand. The question of an Industrial Council for the drug-trade was dealt with by the Secretary; and the employés present nominated Mr. James Ettles (Keith) as *interim* Secretary. The Scottish Pharmaceutical Federation was considered, and the feeling of the meeting was strongly in favour of such a body for the furtherance of trade interests. A Committee of seven members was appointed to take appropriate action. The proposed by-law relating to the registration, as chemists and druggists, of assistants to apothecaries met with severe criticism, and a resolution was passed calling for fuller information justifying such an apparently retrograde step. The sum of 108*l.* 16*s.* has been collected in aid of the War Auxiliary Benevolent Fund.

Cardiff.—A meeting of the Cardiff Pharmacists' Association was held on May 15, the President (Mr. A. S. Johnson) in the chair. The letters from the Minister of Health to Cardiff's Parliamentary representatives, in response to the notice of Mr. Joseph's resolution *re* the Welsh Board of Health, were read (*C. & D.*, April 5, p. 64), showing sympathy with the request. The President then informed the meeting that he and Mr. Harden had met the Cardiff Education Committee with the idea of establishing a full-time course of study for the Pharmaceutical Society's examinations. There was now every possibility of the course being successfully started. The Committee had promised a minimum of 350*l.* a year to a suitable teacher. Mr. Joseph then spoke of his being on the Interviewing Board for Cardiff. There were many prospective pharmacy students among demobilised men, and many of these could be directed to study at the Cardiff College. The Sub-Committee, appointed at the last meeting to inquire into the need of extra provision for after-hour dispensing, considered the present service was quite adequate. Mr. Joseph said he would bring the matter up again at a future date, when a satisfactory way of working a *rota* could be arrived at. The President, who had been the Association's delegate at the recent Local Associations Conference, then reported what had taken place. Mr. Joseph explained that the 50 per cent. increase it was decided to press for under the National Health Insurance Act practically amounted to the same rate of pay as the flat-rate fee of 6*d.* would have done. Mr. Eason then stated a wish to reorganise the buying section. It was decided to form a small Sub-Committee which could decide as to what was best to be done. The following were elected to serve: Messrs. Eason, J. D. Jenkins, F. Lea, H. J. Davies, J. Murray, J. Purves, D. Brims, together with the President as Secretary. The President then spoke of the difficulty experienced lately of getting goods from the Railway Company, and recommended that a letter be sent to the Cardiff Chamber of Commerce asking them to take the matter up. The President congratulated Mr. Hagon on his return unopposed to the Council.

Dublin.—A Committee-meeting of the Dublin and Provincial Retail Drug Association was held on May 14, Mr. John Smith (President) in the chair. The following were also present: Messrs. A. J. Barnes, R. J. Savage, Robt. Mellon, Victor E. Hanna, George Brown, Dr. J. A. Walsh, Josiah R. Middleton, W. Smith, R. White, W. H. Boyd, and Robert J. Kidney (Secretary). A large number of price changes and the Treasurer's report were submitted and approved. Sundry accounts also were passed for payment. The Secretary had communicated with the Wholesale Druggists' Association with reference to the sale of Elliman's Embrocation, and the Committee were pleased to note that the action of the Proprietary Articles Trade Association was unanimously approved of. The Secretary was desired to notify members of the withdrawal of all War Emergency Formulæ, and any preparation now sold which does not comply with the official B.P. standard renders the vendors liable to prosecution. A resolution was passed suggesting to the English and Scottish Associations that a minimum profit of 33⅓ per cent. be allowed on all patent medicines and proprietary articles, and it was agreed that Mr. Hanna should draft a circular for consideration by the Committee. The new price-list will shortly be issued to members.

Halifax.—As an addition to our report of the Halifax Chemists' Association (*C. & D.*, May 17, p. 63), Mr. Sutcliffe (Hon. Secretary) sends us the following: With reference to the present campaign respecting the large number of unprofitable patent medicines at present on the market, the Proprietary Articles Trade Association is dubious about the policy of a national boycott. I beg, therefore, to place before the local Associations of Great Britain, through the medium of THE CHEMIST AND DRUGGIST, the following suggestion framed by a prominent member of, and backed by, the Halifax and District Chemists' Association. In order to find out whether or not a national boycott would be a success let us have a vote of all chemists and druggists in business, the following questions to be asked:

1. Are you in favour of a national boycott of all patent medicines showing less than 20 per cent. gross profit on the turnover, as shall be enumerated by the P.A.T.A.?
2. Should a majority decide in favour of No. 1, will you join in the boycott even though you may have voted No?

If the P.A.T.A. have not enough funds to carry out the circularising, let them ask for a few subscriptions. We'll do our humble share. We earnestly ask the co-operation of local Pharmaceutical Associations throughout the British Isles.

Lancashire Co.—"Notes on the Conference of Local Association Delegates," written by Mr. J. S. Snell, Accrington, is the title of a report which is being sent to all members of the Lancashire County Pharmaceutical Association by the Secretary (Mr. W. I. Scholes). The circular reviews the work of the Conference, and ends as follows:

In conclusion, it must be granted that the Conference was "well worth while."

Many reputations will be made and lost at future Conferences, and the speaker who can hold his own there can rest assured of a sympathetic audience anywhere.

Bores received short shrift, but it is unfortunate that there is nothing to prevent a delegate jumping up and speaking on every question on the agenda. Howled down on Resolution 62, he could be up again on 63, and so on to the end of the chapter. Perhaps some alteration to the Standing Orders can be adopted to meet the case.

The Conference is a good training-ground for the higher work of the Council, and doubtless many future members of that august body were present on this last occasion.

Manchester.—At a Council-meeting of the Manchester Pharmaceutical Association, held on May 14, Mr. J. H. Nidd (President) in the chair, Mr. A. Hershberg gave an interesting account of the recent Conference in London. The President expressed the Council's thanks to Mr. Hershberg. The election of the following officers for the forthcoming session was then proceeded with: *President*, Mr. A. Hershberg; *Vice-Presidents*, Messrs. J. H. Nidd, J. Cleworth; *Treasurer*, Mr. A. J. Pidd; *Hon. Secretary*, Mr. T. Miller; *Librarian*, Mr. A. L. Blain. Delegates to the British Pharmaceutical Conference were appointed. Mr. W. Kirkby, M.Sc. (a Manchester man), is President of the B.P.C. this year. The retiring officers were thanked for their services, Mr. Pidd being particularly mentioned for the work he had done in connection with the War Auxiliary Benevolent Fund.

Manchester Assistants.—The new President of the Manchester Pharmaceutical Association (Mr. A. Hershberg) has offered a special prize, value 21*s.*, in connection with the competition announced in last week's issue of the *C. & D.* (p. 63).

Middlesex.—At a meeting of the Executive of the Middlesex Pharmaceutical Association, held on May 14, Mr. Herbert Skinner (President) in the chair, a report was presented on the recent Conference of Local Association Delegates, and satisfaction expressed at the increased representation accorded to London, in spite of the antagonism manifested by various provincial delegates. Delegates were appointed to attend the forthcoming British Pharmaceutical Conference.

Salford.—The annual meeting of the Salford Pharmaceutical Association was held on May 8, Mr. Harrop (President) in the chair. The Secretary read the annual report. Membership had increased during the session, and a considerable amount of money had been raised for the War Auxiliary Benevolent Fund. The Treasurer's report also was satisfactory. A new by-law was passed enabling the Association to elect honorary members. The following officers were elected: *President and Secretary*, Mr. Davison; *Treasurer*, Mr. Harrop; *Assistant Secretary*, Mr. Bellringer. Messrs. Jones and Dyson were nominated to the Council in place of Messrs. Cuttiford and Dyson, who had resigned. Mr. Simmons then gave an excellent report of the Local Associations Executive meeting in London.

Southend-on-Sea.—A meeting of the Southend-on-Sea Association of Pharmacists was held on May 15, Mr. R. H. Shields (President) presiding. The question of a summer session was considered, and it was decided to call only such meetings as might be essential. A Sub-Committee (Messrs. Lee, Hill, and Body) was appointed to arrange for a summer outing. The Chairman made sympathetic reference to the death of Mr. Atkins, and a resolution was carried requesting the Secretary to convey the congratulations of the members to Sir William Glyn-Jones. Mr. Body reported on the happenings at the Local Associations Conference. He referred to the Southend resolutions, all of which were accepted with very slight modification. The President then introduced Mr. Jenkin (member of the Council of the Pharmaceutical Society), who addressed the meeting on *Pharmaceutical Dead-Ends*. He dealt with the claims of the craft to the full control of national dispensing, briefly outlining the subject historically and showing the necessity for legislation, both from the point of view of the general public and for the protection of those whom, by their training and service, he considered the best custodians of the public safety. He referred to the monopoly of the sale of poisons which was given to chemists by Act of Parliament, and thought that more might have been made of it. After a detailed explanation of the use of the title "Chemist," he dealt with the subject of dispensing by medical men, and suggested that a more complete training and stringent test of capacity is necessary for those doctors who undertake the work. The concomitant subject of counter prescribing is equally thorny, and, even if agreement be come to, the fence of legislation has still to be surmounted. Mr. Jenkin then dealt with the educational side of the question. The Government's proposals on the subject are being closely watched by the Council, and it seems probable that a school-leaving certificate, granted to scholars of secondary schools, will take the place of entrance and matriculation examinations for all the universities and learned professions. The condition of pharmacy in Army, Navy, and under other Government Departments was then described, and dealing with the proposed new by-law to comply with the conditions laid down in the Act of 1908 Mr. Jenkin explained the reasons which had led the Council to assent to it. Sincerely deploring the necessity, he was convinced that no progress by legislation is possible until and unless such a by-law becomes operative; its one redeeming feature is its limited scope. Observations on the purely trading side of pharmacy followed, and Mr. Jenkin then reported on the results of the Conference with reference to the reorganisation of the Pharmaceutical Society. The speaker then explained the position with regard to the advantage of the proposed Industrial Council, referring briefly to the War Auxiliary Benevolent Fund, the resolutions under Trade and National Health Insurance, and the results which would accrue to the appointment of a Minister of Health.—At the conclusion of the address, Mr. Lee protested against Recommendation III. of the Local Associations Executive Committee (only retail proprietor pharmacists to be admitted to membership of local Associations), and the following resolution was passed:

> That this Association strongly protests against the exclusion of non-employer pharmacists from membership of local Associations, which formerly conferred the right to vote for representation. It would urge upon the Society the desirability of putting into operation without delay the resolution passed by the Local Associations Conference ("That it is desirable that the Pharmaceutical Local Associations become branches of the Pharmaceutical Society, and membership of the local Association conditional upon membership of the Society"). Further, it is the opinion of this Association that by converting existing local Associations into branches of the Society no exclusion of non-employer members will be necessary for the purpose of comprehensive pharmaceutical organisation, and it will establish a working basis for carrying out the proposed scheme for territorially electing the Council. It also considers such branches are indispensable for carrying out the administrative, educational, protective, and disciplinary policy of the Pharmaceutical Society.

A discussion followed, in which Mr. Heywood made caustic references to certain advertisements in the "Situations Vacant" columns of the "Daily Telegraph," and to the exemption from jury service alleged to be enjoyed by pharmaceutical chemists, which he found so difficult to induce certain coroners to admit. A vote of thanks was accorded to Mr. Jenkin.

The Australian High Court has upheld the Customs Department's practice of assessing the value of goods at the time of export, not at the time of purchase or contract.

Exhibition of French Products.

An exhibition of optical, chemical, and perfumery products of French manufacture which is likely to interest pharmacists was opened at the Office Commercial Français en Angleterre, 153 Queen Victoria Street, London, on May 19, by M. J. Périer, Consul-Général, Attaché Commercial at the French Embassy. It will remain open until June 5. At a luncheon following the opening ceremony it was explained that the object of the exhibition was to improve the trade relations of the two countries, and so enable France to obtain the means of paying for the British goods she requires. The reason why chemicals, perfumes, and optical articles were selected was because an Inter-Allied Chemical Association had been organised to render the respective countries independent of Germany; perfumes do not compete in any way with the products of this country; and the manufacture of optical goods had not yet been sufficiently well developed in Britain to render her independent. The display of optical goods (there are thirteen exhibitors) illustrates the progress made in the industry. Among those showing this class of goods is A. & E. Derbisme (whose exhibit is under the charge of an English pharmacist); the Societe des Lunetiers have also a large exhibit. Binoculars and opera-glasses are in abundance. The infinite variety and attractiveness of the perfumery preparations prove that France has forgotten nothing of the art she introduced into this business before the war. Roger & Gallet (whose London address is 14 Poland Street, London, W.) have a small showcase of some of their characteristic lines. Marcel Franck is showing sprays and perfumes. P. Henry et Fils offer toilet powder in addition to scents. Maison Robin has an assortment of puffs. Kitzinger Freres are displaying several sizes and styles of perfume sprays, toilet-jars, scent-bottles, etc. Stand 27, Levy, has a capital show of brilliantines, concentrates, and cosmetics, etc., suitable for "own-name" specialties. L'oreal Henna preparations are on the second floor. Prices range from 3*s*. 6*d*. to 5*s*. 6*d*., and stocks are carried by several wholesale houses. Other exhibitors (there are sixteen in this group) are: Dellettrez; Gabilla; Parfumerie Gueldy; Parfumerie Hera; Agnel; Feret Freres; Parfums D'Orsay; Ernest Coty. In the Chemical Section the Anglo-French Drug Co., Ltd. (Laboratoires Nalines), show Galyl, ampoules of Hectine and Hectargyre in two strengths. The Societe des Produits Chimiques Coignet have a stand of a few aromatic compounds (dichlorobenzene, chlorobenzene dinitrophenol, etc.), and also ferrous sulphate "hypo," etc. Lambert Riviere is showing bichromates, sulphocyanides, ferrocyanides, phosphates, etc. Coignet's Gelatin is also exhibited. A showcase is devoted to Larochette's Realgine, stated to be a capsicum wool.

French News.

(From the "C. & D." Paris Correspondent.)

Results of the Riot.—During the riot in Paris on Labour Day (May 1), the plate-glass windows and shop front of the large pharmacy situated at the corner of the Boulevard de Strasbourg and Rue de la Fidélité were badly damaged.

Liaison Officers.—During the latter part of the war a "Chemical Liaison Service" existed between the British and French Armies, and Royal Engineers' officers were stationed at the Paris School of Pharmacy, where some very interesting chemical war research work took place.

Demobilised Students.—The problem of assisting demobilised pharmacy students, to make up for lost time, is engaging the serious attention of the French educational authorities. One proposal is that classes shall be held during the summer months, July-October—the time of the annual vacation.

The Death is announced of Dr. Paul Carles, assistant professor at the Bordeaux Mixed Faculty of Medicine and Pharmacy, corresponding member of the Paris Society of Pharmacy and the Academy of Medicine. His works on the tartaric derivatives of wine are well known. He has written also on cinchona, vanilla, and other subjects.

The First of May.—On May 1 the "Preparators" (Assistants' Trade Union), like most similar bodies, voted a general suspension of work, and the Paris edition of the "New York Herald" gravely announced that even urgent prescriptions would not be dispensed that day. Such an extremist idea was, of course, not carried out. Probably little real business was done, for few people were about, public vehicular traffic being entirely suspended.

Legal Reports.

Weights and Measures Act.—At Oxford, on May 9, Mr. T. J. A. R. Burbank, chemist and druggist, 36 South Parade, was summoned for breaches of the Weights and Measures Act, 1878. He pleaded "Not guilty." It was stated for the prosecution that the inspector had found on the premises a weight which was false, and five glass measures and eleven small weights which were not stamped as required by law. Mr. Walsh, defending, said that Mr. Burbank's dispenser had to join the Army, and in his place the defendant secured a woman dispenser who had been at a hospital. She left in December, and since that time the defendant discontinued the dispensing at that branch, as the present assistant did not understand dispensing and making up prescriptions. Defendant, giving evidence, stated that during the war he had a woman dispenser at the Summertown branch, who used the scales in question. Since she left in December they had not been used. They easily got out of order. The measures and weights were similar to photographic weights, which required no stamps.—Cross-examined: He did photographic business. The Mayor said that a technical offence had been committed. A fine of 10*s.* was imposed.

Sponge Dispute.—In the City of London Court on May 15, before Judge Atherley-Jones, K.C., Mr. Harold Marcuson, trading as the National Sponge Co., 77 Minories, claimed 6*l.* 16*s.* 6*d.* for 42 lb. of sponges supplied to the defendants, A. Bennett & Co., Carver Street, Old Trafford, Manchester. The Judge said the defendants had written to the Court admitting the delivery of sponges, but saying that they were worthless. Why had the plaintiffs not sued in Manchester? The plaintiff said the order was received by him in London. Defendants asked for a sample, subsequently giving an order. The Judge said the defendants further complained that they ordered 28 lb. of sponges at 3*s.* per lb., whereas plaintiffs had sent 42 lb. The plaintiff explained that the sponges came to him in bales of 100 lb. each, and that he only sold half-bales, which accounted for the defendants getting 42 lb. of sponges. The Judge added that the defendants said that the sponges were of inferior quality, and quite useless to their customers. Plaintiff said that was only when he asked for payment. They sent the defendants second quality sponges, and not third quality, as alleged. The Judge: He says, "Shall we return them for replacement?" Then you write back and say that the sponges are as good as the sample, and that you have sent second quality and not third quality goods. You also said that you had sold the balance to O'Brien, Thomas & Co. for a higher price than the defendants were paying, and that the sponges would have sold elsewhere at 5*s.* per lb. If the defendants would not take the trouble to attend Court all he could do was to give judgment for the plaintiff, with costs.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

R. H. Waddell, Ltd. (P.C.).—Capital 200*l.* Objects: To carry on business as chemists, druggists, drysalters, oil and colourmen, importers and dealers in pharmaceutical, medicinal, chemical, and industrial preparations and apparatus, etc. R.O., 41 Finsbury Square, London, E.C. 2.

J. T. Tinker, Ltd. (P.C.).—Capital 1,000*l.* Objects: To take over as a going concern the retail chemists', druggists', pharmaceutical, medicinal, chemical, and other business appertaining thereto, carried on by C. H. Griffiths, Ltd., at 1342 Ashton Old Road, Openshaw. R.O., 1342 Ashton Old Road, Openshaw.

Carboline Co., Ltd. (P.C.).—Capital 5,000*l.* Objects: To take over the business carried on by Harriett A. Caroline M., Lilian M., and Alice E. Cobley, at Ardwick, Manchester, as the "Cobley Trust," and to carry on the business of oil merchants, manufacturers and refiners, pharmaceutical manufacturing and general chemists and druggists, manufacturers of and dealers in toilet requisites, etc.

The Amsterdam Quinine Factory has declared a dividend for 1918 of 250fl. per share.

"Sanitas" Co., Ltd.—The directors have declared a balance dividend of 4½ per cent., making 9 per cent. per annum in respect of the year ended March 31, 1918, on the cumulative preference shares.

Births.

Dickie.—At 244 Edward Road, Cannon Hill, Birmingham, on May 16, the wife of J. G. Dickie, pharmacist, of a son.

Stonelake.—At St. Peter Port, Guernsey, on March 28, the wife of Cecil Stonelake, chemist and druggist, of twin daughters.

Deaths.

Dobb.—At Harrogate, on May 12, after a long illness, Mr. Thomas Dobb, Ph.C., West Bar, Sheffield, and Brookfield Manor, Hathersage. Mr. Dobb, who was the son of the late Mr. J. T. Dobb, chemist and druggist, was educated at Wesley College and Firth College. After studying at the Bloomsbury Square School of Pharmacy, where he gained distinctions in chemistry, botany, and materia medica, he passed the Qualifying examination and the Major examination in 1885. He afterwards went into partnership with his father at West Bar, Sheffield, and together they built up a large business in paints and colours and in alloys, in addition to the existing pharmacy connection. Mr. Dobb devoted himself to the business, taking little or no part in public affairs. The funeral took place at Ecclesall Church on May 16, when a large gathering of friends assembled to pay their last respects.

Hogg.—On May 6, Mrs. Hogg, wife of Mr. J. T. Hogg, chemist and druggist, Burnbank Road, Hamilton.

Hollingworth.—At 437 Euclid Avenue, Toronto, Canada, on April 7, Mr. Samuel Hollingworth, Homœopathic Pharmacy, 394 Yonge Street, aged sixty-seven. Mr. Hollingworth emigrated from Lancashire nearly sixty years ago. He is survived by a widow, a son, and two daughters.

Personalities.

Mr. William Edmondson, chemist and druggist, Kendal, has been re-elected Chairman of the Kendal Board of Guardians.

Mr. Julian W. Lyon, drug merchant, 99-101 Beekman Street, New York, who has been in this country for some weeks, has returned to the United States.

Sir Joseph Thomson, O.M., has been appointed a member of the Advisory Council for Scientific and Industrial Research to the Committee of the Privy Council.

Mr. James Shand, chemist and druggist, Regent Road, Salford, was recently elected to fill a vacancy on the Salford Board of Guardians. There were twelve nominations for three vacancies.

Mr. and Mrs. G. A. Tocher were entertained to luncheon at Frascati's Restaurant, London, W., on May 14, by the members of the Committee that organised the testimonial presented to Mr. Tocher at the London "Victory" Dinner on April 3. The gathering included several ladies. After luncheon the Treasurer (Mr. C. T. Allen) handed Mr. Tocher a cheque for the balance of the fund which had been subscribed by the chemists of London as a token of appreciation for the services rendered by him to the London County Association during the war. The Testimonial Committee consisted of Messrs. C. T. Allen, H. N. Davidge (Hon. Secretary), J. Phillips, W. R. Roberts, B. Wathen, E. Watson, and W. Wells.

Wills.

Mr. Frederick Kaye Taylor, Ph.C., 9 Oak Lane, Manningham, Bradford, who died October 18, left estate valued at 1,870*l.* 10*s.* 6*d.*

Mr. William John Smith, chemist, 24 Sceptre Street, Newcastle-on-Tyne, who died on March 7, left estate valued at 2,973*l.* 6*s.* 5*d.* gross, with net personalty 1,464*l.* 7*s.* 2*d.*

Macassar Cajuput Oil.—The exports from Macassar during 1918 amounted to 15,000 kilos., against 38,000 kilos. in 1917. Last year 8,000 kilos. were shipped to Singapore, 4,000 kilos. to U.S.A. (against 21,000 kilos. in 1917), 2,000 kilos. to Japan, and 1,000 kilos. to Hong Kong.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

Venereal Disease Treatment.

Mr. Waterson on May 15 asked the President of the Local Government Board whether registered medical practitioners are debarred from treating venereal diseases by other remedies than those now recommended by the Government.

Dr. Addison replied: The answer is in the negative.

Loss of Business.

The Minister of Labour (Sir R. Horne) stated in the House of Commons on May 20 that in cases of serious hardship arising from military service the Civil Liabilities Department is authorised to provide financial assistance for the purpose of enabling demobilised officers and men to restart businesses which have been closed while the owners have been serving with his Majesty's Forces.

Import of Olive Oil.

On May 19, in the House of Commons, Sir Charles Hanson, M.P., asked the President of the Board of Trade whether, in view of the further consideration he promised to extend to the import of olive oil, he is now able to state whether licences have been or can be more freely granted, thereby reducing the high price per ton of this imported commodity, and enabling textile manufacturers to compete against foreign trade.

Sir Auckland Geddes replied: A general licence has now been issued for the importation of olive oil.

The Silvertown Explosion.

Mr. James Hope, Parliamentary Secretary to the Ministry of Munitions, stated on May 19 that the total sum paid to third parties as compensation for damage by the Silvertown explosion of January 19, 1917, to large factories in the neighbourhood is 1,043,161*l*. The amount paid in compensation to the relatives of those who lost their lives in the explosion is 15,900*l*., and to those who were injured 14,534*l*. The two last amounts have been calculated on the basis of the compensation which would have been payable if the Ministry had been legally liable under the Workmen's Compensation Act, 1906.

Bee Disease.

Mr. W. Nicholson asked the Parliamentary Secretary to the Board of Agriculture on May 15 whether he can give, for the information of beekeepers, the names of the two drugs mentioned on page 7, Leaflet No. 253, published by the Board of Agriculture, on the Isle of Wight bee disease; and where these drugs can be obtained and how they should be applied.

Sir A. Boscawen replied that the two drugs referred to are not mentioned specifically in the leaflet because their use has not gone beyond the experimental stage. The Board is therefore not yet in a position to recommend these drugs for general use.

Income Limit of National Insurance.

Sir Joseph Davies asked the President of the Local Government Board on May 15 whether he is aware that large numbers of non-manual workers, after paying insurance for years, are, as a result of the depreciation in money values, now excluded from insurance benefits, and whether he will take steps to alter this by introducing a Bill to raise the income limit fixed by the Act of 1911 at 160*l*. a year for non-manual workers to a figure which will represent at to-day's money values the value in 1911 of 160*l*.

Major Astor, who replied, said the matter referred to is under the immediate consideration of the Government.

Cost of the War.

Mr. Chamberlain, Chancellor of the Exchequer, stated on May 20 that after making the allowance usually taken for normal peace expenditure on the one hand and for debts due from the Dominions and Allies on the other hand, and after taking account of other Vote of Credit assets, the net cost of the war to the Exchequer of the United Kingdom up to March 31 last, on the basis of Exchequer issues during the five years ended March 31 last, may be estimated in round figures at 6,700,000,000*l*. These figures are exclusive of liabilities in respect of the war, accruing after March 31, and of losses to private citizens, localities, and trades in so far as these losses have not been made good out of the Exchequer.

British Trade Policy.

The National Union of Manufacturers (writes our Parliamentary Correspondent) is convening a mass conference of British manufacturers on May 30 at the Central Hall, Westminster, for the purpose of making urgent representations to the Government that the present widespread unemployment and the vast sums that are being paid for unemployment are largely due to the uncertainty as to the future economic policy of the country, and the absence of any definite steps for the prevention of dumping and the protection of key or essential industries in fulfilment of the promise made by the Government at the General Election. Mr. G. Terrell, M.P. (President of the Union), will occupy the chair, supported by Sir Edward Carson, M.P., Mr. Neville Chamberlain, M.P., Mr. G. Balfour, M.P., and others.

Shortage of Medicine-bottles.

On May 21, in the House of Commons, Mr. Spencer asked the President of the Board of Trade whether he is aware that the retail chemists of Nottinghamshire are experiencing a shortage of medicine-bottles; whether such shortage is due to his Department insisting upon bottle-makers exporting 75 per cent. of their output; and, if so, what steps, if any, he proposes to take to secure a sufficient supply for home use.

Mr. Bridgeman replied: I am aware that there is a shortage of medicine-bottles, which is due to a large extent to shortage of coal and labour for their manufacture. British makers are not required to export any portion of their output, and the actual exports at the present time are very small. Importation is being allowed at the rate of 50 per cent. of the imports of 1913.

Apothecaries' Assistants.

On May 21, in the House of Commons, Sir Harry Brittain asked the Lord Privy Seal whether any steps are being taken by the Pharmaceutical Society of Great Britain to make any by-laws under Section 4 (*b*) of the Poisons and Pharmacy Act, 1908, admitting apothecaries' assistants to the Registers of Pharmaceutical Chemists and Chemists and Druggists; and, if so, whether the by-laws referred to have been already agreed to by the Privy Council, or have been submitted to the Council for approval.

Dr. Addison replied: I am informed that the Council of the Pharmaceutical Society on May 6 read a first time a draft by-law under Section 4 (*b*) of the Poisons and Pharmacy Act, 1908, admitting certain certified apothecaries' assistants to the Register of Chemists and Druggists. Under the Charter of the Society a new by-law requires to be confirmed "by three meetings of the said Council," after which it is submitted to the Privy Council for approval.

Nitrogen Compounds.

Mr. Grattan Doyle on May 15 asked the President of the Board of Trade whether he is aware of the recent results of chemical research demonstrating that nitrogen compounds can be procured from the atmosphere; whether at present our supply of nitrate is entirely imported from foreign countries; and whether it is his intention to encourage the home manufacture of nitrate by the new methods discovered, thereby freeing us from dependence on foreign countries and developing what it is hoped may become a great new industry in this country.

Mr. Bridgeman replied: The answer to the first two parts of the question is "Yes." As regards the last part of the question, the whole matter has been considered by a strong Committee appointed by the Minister of Munitions, which has just reported. I am not at present in a position to make any statement as to any further Government action in the matter.

Gold for Dentists.

In the House of Commons on May 15 Mr. Cautley asked the Chancellor of the Exchequer whether he is aware that, owing to the stoppage of the release of gold for dental purposes, the price of gold to dentists has gone up from the pre-war price of 66*s*. 6*d*. to the present price of 85*s*. 6*d*. per oz.; and whether he can, in the public interest and to secure cheaper dentistry, revert to the old practice of releasing gold for dental purposes.

Mr. Bridgeman, replying for the Board of Trade, said: The dental industry was supported during 1917 and 1918 and until last month by a special issue of gold from the Bank of England. In view, however, of the fact that fine gold is now obtainable on the open market at about 103*s*. per oz.—*i.e.* at a considerably lower price than during the greater part of the period in question, and that it is likely to become cheaper upon the conclusion of peace in consequence of the recent removal of restrictions on the import of gold bullion, the Government do not see their way to sanction further release of gold for the purposes of this industry.

Ministry of Health Bill.

The report stage of the Ministry of Health Bill was taken in the House of Lords on May 20. After the question of Consultative Councils had been raised, Lord Bledisloe moved a new clause as follows:

The Minister shall have power to institute such proceedings as may be necessary to enforce compliance with the law relating to the sale and advertisement of any patent, secret, or proprietary remedy or appliance.

He said he considered this an important matter, and again referred to the recommendations of the Select Committee on Patent Medicines, from which it transpired that the law to a very large extent provided for the protection of these many unfortunate people who were purchasing, on the strength of fraudulent advertisements, all sorts of quack and sometimes poisonous drugs and suffering in health thereby, but that no Department considered it to be its special duty to institute a prosecution. The result is that, although a remedy exists at law, no one in any Government Department seems to care to put the law in force. He believed there is a legal maxim, *Ubi jus, ibi remedium*—Where there is a right, there is a remedy. But surely this is a case where that maxim does not apply, and it is with the object of rendering it applicable that he moved his amendment.

Viscount Sandhurst sympathised with the mover of the amendment, but said that the more the matter is considered the more difficult and complicated it is found to be. In regard to these matters there are concerned the Local Government Board, the Customs and Excise, the Privy Council, the Post Office, and the Home Office. The amendment proposes that the Minister shall have power to institute such prosecutions as may be necessary to enforce compliance with the law relating to the sale and advertisement of any patent medicines, and so on. That is the law as it stands, and no new power is proposed in the amendment. So far as the Local Government Board is concerned the new Minister will take over powers and duties which will include the Sale of Food and Drugs Act, 1875, but proprietary medicines are specifically excluded from the Act. As regards the Customs and Excise, they prosecute for breaches of the law in connection with stamp duty, including vendors of patent medicine. But that is a revenue matter which must be left in the hands of the Revenue authorities. Then the Privy Council is indirectly concerned in connection with the Pharmaceutical Society, which Society prosecutes for the illegal sale of poisons, and not the Privy Council. The Post Office prosecutes in matters including the vendors of patent medicines and also for the sending of indecent matters through the post. That is a matter of Post Office administration which cannot be transferred to another Department. The Home Office may receive complaints, but it is the business of the aggrieved person or the local police to prosecute, and for these purposes the local police are not under the Home Office. Nothing can be effected so long as the law remains unchanged, but the Public Prosecutor, in grave cases, is at the service of any Department. With these complications and intermingling of Departments it is really not the will of the new Minister so much as the possibility of effecting anything with the law in its present state, while acceptance of the amendment might suggest hopes and intentions which it would be impossible to materialise. The first thing is to get the law into order.

Viscount Haldane said the answer was not satisfactory. A private person in this country is looked upon to prosecute, but in Scotland the case is different. Here we have a state of law about patent medicines which is in many respects very unsatisfactory. The law will have to be put into order and extended. But still there is a great deal already on the Statute Book which could be enforced, and which ought to be enforced, but which is not enforced because no one has sufficient interest to do it. The public is not sufficiently interested. The poor people who buy the pills and other things believe in them, but the police know nothing and care nothing. As no other Departments will move in the matter, what more natural than to leave it to the Ministry of Health to enforce the law?

Earl Desart said the Public Prosecutor feels strongly the evils flowing from these offences. Surely if something of this kind were put in the Bill it would be possible for the Minister, on a complaint being made to him, to distinguish what class the offence was in and to set the proper Department in motion. He was rather chary of saying that all these things should go to the Director of Public Prosecutions, because he knew that from the nature of things his work is increasing and will increase, and he was not sure that in Customs or Post Office cases he is the right person to prosecute. He thought if you concentrate the starting of prosecutions in the Ministry there would be no difficulty in continuing them under the proper Departments.

Lord Stuart of Wortley characterised Viscount Sandhurst's answer as the "swan song of *laissez faire*, the final defence in the last ditch of the system under which nothing on earth gets done."

Lord Sydenham said the vendor of quack medicines, when successful, goes very far to defeat the object of the Health Minister. People who dose themselves with Dr. Williams' Pink Pills for Pale People are not likely to take the remedy which will cure them, and as the Committee shows that these pills do no harm to anybody, it is certain that they do not do any good. In these cases there is money in it, because very large profits are made by fraudulent advertisements, and the time has come to put an end to that state of things.

Viscount Knutsford said he had seen tragedies happen from the scandalous results of the sale of patent medicines. It is quite impossible for women who have gone to a certain class of quack to take upon themselves the duty of prosecuting the man who has injured them.

The Lord Chancellor said he was satisfied that the difficulties of dealing with the matter by means of this particular amendment have been imperfectly appreciated. It is by no means an advantage that you should duplicate the instruments of prosecution. On the contrary, it is an extraordinary waste of energy and an extraordinary violation of those rules in the direction of enforcing greater economy. The machinery of prosecution in this country is extraordinarily complicated and extraordinarily costly, but he did not believe it is so inefficient as some of the speakers had suggested. The real truth is this: if the Minister of Health is directed to undertake the responsibility for these prosecutions, one of two things will happen—either the new Minister will come to the Attorney-General and say, "We want a new legal staff; we want counsel and solicitors, who will be members of our staff and will make themselves responsible for these prosecutions." The second course is that they will go to the existing prosecutors and the Director of Public Prosecutions, and say, "Under the policy of this Bill we desire you to prosecute on our behalf." The ultimate judge of any prosecutions of the slightest importance must be the Attorney-General. You cannot have two people in this country responsible for decisions as to whether or not there shall be a prosecution. If convenient, he would make this proposal—that between now and third reading the noble Viscount in charge of the Bill and himself should have some discussion with the Attorney-General, as being primarily responsible for all prosecutions in this country, and the Director of Public Prosecutions, after which they would, perhaps, be in a position either to make some proposal or to communicate some information on the third reading stage.

The Marquess of Salisbury said it ought to be somebody's business, in the interests of health, to have regard to prosecutions in respect of violations of the law on these matters of patent medicines.

Lord Bledisloe then withdrew his amendment.

Chemical Society.

A meeting was held at Burlington House, Piccadilly, London, W., on May 15, the President (Sir James Dobbie, F.R.S.) in the chair. Dr. J. H. Sequeira read a paper by Mr. B. Blount and himself) on "*Blue John" and Other Forms of Fluorite.* Very little has been published on the subject of the Derbyshire "Blue John," which occurs principally in the "Blue John" cavern near Castletown. A fluorspar of similar composition, but green in colour, and known as "Green John," is much rarer than "Blue John." The authors studied the colour of "Blue John," and as a result of their investigations came to the conclusion that it is due to some organic colour, the nature of which is as yet unknown, as is, indeed, the cause of the colour in this mineral. Heated to 300°, "Blue John" decrepitates and loses its colour, and exhibits a brief fluorescence. It was found to contain argon, but no helium could be discovered. Very remarkable observations were made on the effects of radium and x-rays on "Blue John." Exposed to the action of radium, the white portions of the mineral become blue, while the blue parts become darker in colour. Heated to whiteness and then exposed to x-rays, it re-assumes its original blue colour. Mr. Blount then demonstrated the action of heat on "Blue John" by heating a specimen until it became white, when the fluorescence was apparent.

Trade Notes.

GALE & CO., LTD., wholesale druggists, 15 Bouverie Street, London, E.C. 4, are in future to close at 1 P.M. on Saturdays.

LEECHES.—W. Martindale, manufacturing chemist, 10 New Cavendish Street, London, W. 1, has a stock of leeches ready for immediate delivery.

RUBBER CORKS AND TUBING.—The Garden City Rubber Co., Letchworth, Herts, are supplying all sizes and qualities of india-rubber corks and tubing, red or grey.

GOODALL, BACKHOUSE & CO., Leeds, have adopted the 47-hour week, and the hours of business are now: Monday to Friday, 8 A.M. to 5.30 P.M.; Saturday, 8 to 12.30.

GLAXO PRICES.—The Sales Manager of Glaxo, 155 Great Portland Street, London, W. 1, has some further remarks to make in regard to Glaxo prices which will interest our readers.

LLOYD'S EUXESIS.—The present prices of Lloyd's Euxesis (R. Hovenden & Sons, Ltd., 29 to 33 Berners Street, London, W. 1), are now 13*s.* 6*d.* per doz., or 13*s.* 3*d.* by six dozen quantities.

STOCKTAKING.—The London office and warehouse of J. F. Macfarlan & Co., chemical manufacturers, 9 and 11 Moor Lane, Fore Street, London, E.C. 2, will be closed on June 2 for stocktaking.

CORNS ON THE FEET are particularly aggressive in the warm weather. That is why Ayrton, Saunders & Co., Ltd., Liverpool, call attention in this issue to the various appliances for relieving and curing corns.

STOCKS of formaldehyde, citric acid, commercial sodium phosphate, and paraldehyde are offered by A. Johnson & Co. (London), Ltd., 3 Gracechurch Street, London, E.C. 3, whose telephone number is Avenue 1098.

PALESTINE AGENTS.—Salomon & Levin, wholesale druggists, Haifa, advertise in this issue their willingness to act as representatives of manufacturers of chemical toilet articles, photographic products, and druggists' sundries.

"CENTRAC" MACHINES.—The Banister Street Works, Ltd., 45 High Street, Homerton, London, E. 9, are makers of the "Centrac" collapsible-tube filling and closing machines, which are made with capacities from two to twenty gallons.

SODIUM MORRHUATE, recommended by Sir Leonard Rogers for the treatment of tuberculosis (see *C. & D.*, February 15, p 54), is now available in this country, and can be obtained from Evans Sons Lescher & Webb, Ltd., Liverpool and London.

VERMIN DESTRUCTION.—L. and M. Lewin Bros. & Co., Cromwell House, High Holborn, London, W.C. 1, are advertising a vermin exterminating preparation in this issue. The poison is in the form of roughly made pills, and is placed near the rat and mouse holes.

PRICE-CHART.—Chas. L. Huisking, Inc., 5 Platt Street, New York City, have issued a useful price-chart showing the prices of the more important pharmaceutical chemicals and crude drugs prevailing in New York on the first of each month from August 1914 to April (inclusive) 1919. The chart, which is on linen, measures 40 in. by 29 in., and is adapted for hanging on a wall.

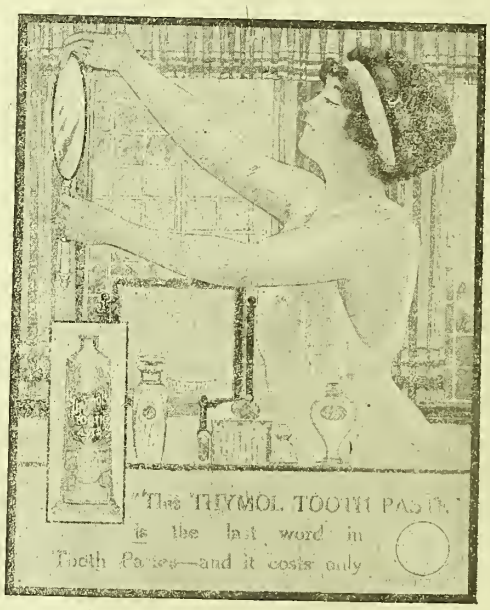
"PREEMO" ESSENCES.—The Preemo Concentré and Essential Oil Co., for whom the agents are Silk's Toilet Co., 8 & 9 Red Lion Street, Holborn, London, W.C. 1, have an advertisement (extending to two pages) in this issue dealing with the "Preemo" essences, essential oils, and floral oils. The essences are concentrated preparations used for the manufacture of all kinds of perfumes and toilet articles. Catalogues are sent to all responsible inquirers.

SUMMER SPECIALITIES.—R. Demuth's Laboratories, Salisbury Road, and Montrose Avenue, London, N.W., call our attention to two of their preparations which are especially in demand during the summer. These are Frozoclone—solid eau de Cologne—and lemon squash. Frozoclone is a well-known preparation which is now obtainable as freely as before the war. The "lemon squash" is a solid preparation for making a summer beverage. It is put up in packets, twelve being contained in a tin. Each packet makes half a pint of sweetened lemon squash, the flavour being excellent.

PYLITNA POWDERS.—The illustration herewith is a reproduction in miniature of one of the showcards which G. S. Mumford & Sons, 3 Farringdon Road, London, E.C. 1, send out as an advertisement of Pylitna powders. The other card is also a good "salesman," as it states clearly the cause of piles and the reasons for employing Pylitna powders as a cure. Chemists will be interested to know that the profit to the retailer is equal to a third of the selling price which is fixed at 5*s.* An advertising campaign

to the public is in progress, and the proprietors of Pylitna powders are particularly anxious that chemists should assist them in making known the undoubted good qualities of this remedy.

THYMOL TOOTH-PASTE.—Arthur H. Cox & Co., Ltd., Brighton, are now able to return to their pre-war formula for thymol tooth-paste owing to the free sale of glycerin. The paste is well packed in collapsible tubes and card



outers, whilst the paste itself is a pleasant-tasting preparation with antiseptic and preservative properties. We give a reproduction of the showcard which is sent to chemists who stock this tooth-paste.

Information Department.

INFORMATION WANTED.

150/33. "Orchard White" beauty cream
154/36. Hargreaves' reducing wafers
160/71. Grimwade's syrup of hypophosphites
159/42. Rodway's "Ready Relief"
156/7. "Nuclin" for dogs
157/16. Locock's wafers (Da Silva & Co.)
157/33. "Norwich" tooth paste
160/41. "Velito" toilet paper
160/48. Winter's pills
161/6. "Nassole" face cream

INFORMATION SUPPLIED.

"Linoleo," 103/35
"Liquifruta," 129/73
Lithium carbonate and benzoate, 119/3
Locock's wafers, 142/70
"Nuxated iron," 108/44
"Ogee" grease paints, 95/23
Oleic acid, crude (French inquiry), 121/67
Optical goods (Syrian inquiry), 110/69
Parker Pray's specialties, 126/1
Spices (Dutch inquiry), 103/74
Sponge bags (check), 97/63
Spray bellows, 101/13
Tamar Indien, 73/10
"Tarbol" disinfectant, 82/10
Tannic acid, 140/41
"Tatcho," 82/21 and 96/26
"Winox," 10/1
Winslow's soothing syrup, 128/67
Woodward's gripe water, 137/46
Wooldridge's tincture, 80/60

Observations and Reflections.

By Xrayser II.

Your Timely Leader

on the dilution of the Register presents two or three points on which action may still be taken to avert or minimise the evil that threatens us. First there is that of the general meeting, the consent of which to the by-law is a legal necessity. You think this meeting will under pressure from the Council swallow this "bitter pill," but may not this be too pessimistic a view? Your article itself virtually disposes of the plea that the Council is helpless in the matter; it could defy the Privy Council officials if it dared. Moreover, the meeting can make it absolutely helpless in the other direction by vetoing the by-law. It comes, therefore, to this. If the by-law is accepted it will be due to the cowardice of the trade itself, or rather of those members of the trade that belong to the Society, and I find it hard to believe that in a matter so vital, and which has aroused such an unprecedented amount of feeling, we shall be so craven as to submit. The public welfare, the principle that called us into being, our own interest, all call to us. Have we no leader who can rouse us to action?

Another Point

is the referendum. That this would result in the rejection of the by-law is, as you say, a foregone conclusion, but the Society has no power so to consult the whole trade. Here is an unanswerable argument for the instant formation of some independent body, call it trade union or what we will, that could authoritatively refer at such a crisis this or any other question to the whole body of its members. Had we had an organisation of the kind in being we should never have been brought to our present pass.

A Third Point

is the suggestion of minimising the wrong by a separate registration of the unexamined men, or in some other way. Such separate registration would, in my opinion, be futile, and even childish. The only minimisation conceivable is such a strict application by the Council of its theoretical power to refuse registration on particular grounds as it is not at all likely to put in practice. Indeed, this power is virtually theoretical only; it would prove a dead letter. The fact is that we cannot minimise, we can only reject: if we have not courage for that, let us stew quietly in our own juice.

The Conversation

on the annual accounts between Messrs. Wolff, Hines, and Skinner and the officials of the Society at the last meeting of the Council is instructive in many ways. It shows in what a haphazard fashion these annual statements of account are treated by the Council as a whole, how perfunctory the examination of them by the Finance Committee, and with what indifference the whole subject is regarded by those most directly responsible. An irregularity was not denied; the printers, the officials, anybody but the Council itself, might be blamed for it, but it really was not worth bothering about. Mr. Skinner's point was almost as cavalierly treated as Mr. Wolff's, but it transpired that really the value of the Society's investments is an unknown quantity. They are believed to have cost what they are now valued at, but they do not appear to have been valued since. The Society, in short, keeps its books without any stock-taking, much as individual pharmacists commonly do, or are said to do, for a stock-taking that neglects valuation is not worthy of the name.

Scotland

(not for the first time) has given us Southrons the go-by, and the cry of many an English pharmacist will be, "O for a man to arise in the land with the courageous spirit and persuasive power of Mr. Brown of Edinburgh, able to bear down all opposition and carry through a scheme for a Pharmaceutical Federation here, too, that would enable us independently of the Society to speak with our enemies in the gate!" The way the Council has messed things up in its dealings with the Privy Council over the apothecaries' assistants question ought to make this possible now if it has not been so before. The last vestige of our trust in the Society has gone: it has failed even to uphold its boasted character as an educational body, and how can we expect it to defend those merely trade interests which it has often ostentatiously declared to be beneath its notice? If we do not take this matter of an Industrial Council into our own hands we shall deserve to be sold again.

"If the Whole Trade of Drug Sale

and dispensing" were made a public service in the sense intended by Sir Chiozza Money, we should probably find ourselves much worse off than we are. Our experience as panel chemists is not reassuring in that respect, and the treatment we are at present receiving from officials of the Privy Council suggests that neither our own welfare nor "the purity and quality of supply" would be improved by such a change of condition. The latter, indeed, is hardly susceptible of improvement by any such means. We are quite sufficiently under control already to ensure both purity and quality; we need look no further than to the Rushton case for evidence of that, and we have shown ourselves a good deal more concerned for our professional competence than the Government is. On the whole, Sir Chiozza's remarks are singularly inept.

These Notes of Mine

have from time to time brought me many pleasant communications from unknown readers, but nothing of more interest has ever come to me than a letter received the other week from the East of London, along with a copy of Aaron Hill's pamphlet on the production of beech oil. With this were bound up Canvane's treatise on castor oil and Chamberlayne's on cowage, both of some historical importance, since the former was largely the cause of the subsequent vogue of the oil, and the latter of the introduction of cowage into the London Pharmacopœia in 1809. Other favours of a like kind have since reached me from the same correspondent, among them a first list of some eighty rare medical books and tracts in his possession, such as make my mouth water. I wonder to what extent works like these are still to be found in old surgeries and pharmacies? My own too modest collection came to me mainly from the reprobate son of a practitioner of the early nineteenth century, who probably dosed his patients by Culpeper and Quincy, since nothing very much later than 1770 appears to have come in his way. A history of the evolution of British pharmacy as exemplified in that of the London and British Pharmacopœias would be a fascinating work. Most of the material needed for its earlier chapters exists in the Wellcome Museum, and that for the later ones is accessible everywhere. Wootton hardly meets the want, though he affords us admirable *mémoires, pour servir*, while Bell and Redwood merely toyed with the subject as an introduction to the apotheosis of the Pharmaceutical Society.

Mr. Banks's Allusion

to lin. camph. co. in the East Ham camphorated-oil case recalls the early history of that preparation. It was first introduced into the P.L. in 1788, an imitation of Ward's Celebrated Essence for the Headache. The formula for this given by Wootton in the "Chronicles" is that used by Ward's apothecary, D'Osterman, but from Ward's own book Brookes quotes another, in which there is neither Roche alum nor essence of lemon. The formula of the P.L. 1788 differs from both of them; it omits the alum and substitutes spirit of lavender for essence of lemon, directing that 16 oz. of the former be distilled along with 6 oz. of water of ammonia until 16 oz. are obtained, in which 2 oz. of camphor are to be dissolved. Ward simply mixed the ingredients, with repeated shakings for five or six days.

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FLUIDS, POWDERS, SOAPS & FUMIGATORS
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Have a world-wide reputation for
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Proprietary
MEDICINES
Wilcox, Jozeau & Co.
49 HAYMARKET, LONDON, S.W.
Export and other Buyers should apply for a List. Foreign Prescriptions dispensed for Pharmacists.

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Grand Prix LEEDS. Turin 1911.
PHARMACEUTICAL PREPARATIONS.
Tinctures, Ointments, Pills, Tablets, Suppositories.
Standardised and Clinically Tested Galenicals, &c.
SURGICAL INSTRUMENTS.
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AERATED BEVERAGES.
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SCIENTIFIC APPARATUS.
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CHEMICALS FOR TECHNICAL AND ANALYTICAL PURPOSES.

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Children's Powders
ADVERTISED EVERYWHERE. READY SALES.
ALFRED FENNINGS, COWES, I.W.

PATENTS AND TRADE MARKS.
There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.
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FOR TINCTURES.
For Proprietary Preparations no dilution with Spirit is necessary, thus effecting an enormous saving in cost, without any sacrifice of efficiency.

Editorial Articles.

Customs and Excise Report.

THE Report of the Commissioners of Customs and Excise for the year ending March 31, 1918, has been published this week. The Report is belated, as one would expect that for the year ending March 31, 1919, to have been issued. The delay is doubtless due to the war, and relatively the Report is in advance of the time when that for 1917 was published, so we may expect that the leeway will be made up before long. The year under review was a difficult one from the point of view of the Commissioners of Customs and Excise, because of the

drastic restrictions on the output of beer and the clearances of spirits and wine. Other factors were the reduction in the supplies of tea, sugar, dried fruit, and of motor spirit (which affected motor-car licences), the suspension of the duty on passenger fares on Government-controlled railways, and the prohibition on the importation, except under licence, of various articles, such as matches, motor-cars, and motor-cycles. The amounts paid into the Exchequer during the year were: Customs 71,261,000*l.*, Excise 110,033,000*l.*, the net receipts showing a surplus of 3,767,000*l.* over the Budget estimate for the period—which was invalidated owing to reductions in the tobacco duty and entertainments duty. Among the articles which showed an increase in Customs duty was saccharin, the imports of which during the period under review amounted to 727,975 oz., yielding a duty of 164,061*l.* The manufacture of saccharin in this country, which had ceased since 1912, was resumed in 1917-8, the quantity charged with duty being 141,387 oz., and the net receipt of duty 31,812*l.* This enormous quantity of saccharin—over 24 tons—is a striking commentary on the popularity attained by this product owing to the scarcity of sugar. We should not be surprised to find that the figures for the year ending March 31, 1919, surpass those given above, and we hope that the proportion of home-made saccharin has been increased. There were four English makers of saccharin in 1917-18. We notice that there were increases in the Exchequer revenue from chloral hydrate, chloroform, collodion, and ethyl chloride, but decreases in acetic and butyric ethers and ethyl iodide. The net receipt of medicine-stamp duty again shows an increase (70,872*l.*) to 803,815*l.*, thus proving that the public will have packed remedies, notwithstanding the unfairly high duty which proprietary articles have to bear. The following table shows the net receipt of medicine-stamp duty for several years:

Year ending March 31	England	Scotland	Great Britain
	£	£	£
1913	325 420	2,899	328,319
1914	357,570	2.807	360,377
1915	331,033	2,744	333,777
1916	617,879	9,575	627,454
1917	726,894	6,049	732,943
1918	797,366	6,449	803,815

It should be noted that the duties were doubled from October 20, 1915, this accounting for the rise in the amount shown in 1916 and after. The following shows the number of licences issued to makers or vendors of patent medicines and the amount of duty collected:

Year ending March 31	England		Scotland		Great Britain	
	No.	Amount	No.	Amount	No.	Amount
		£		£		£
1913 ...	39,849	9.983	3,269	817	43,118	10,780
1914 ...	39,914	9,980	3,242	811	43,156	10,791
1915 ...	39.492	9.876	3,239	810	42,731	10,686
1916 ...	39,122	9,779	3,248	814	42,370	10,593
1917 ...	37,547	9,384	3,177	794	40,724	10,178
1918 ...	36,520	9,129	3,161	790	39,681	9,919

It will be noticed that the number of makers and vendors (not separated in the statistics) continues to decrease. We suspect that it is the number of vendors which accounts for the increase, as many small traders who sold patent medicines as a side-line are stopping the practice. The table-waters duty yielded 1,332,357*l.* (1917-18), against 1,170,801*l.* in the period from May 1, 1916, to March 31, 1917, and an increase is shown when taking into account the relative periods. The increase has been mainly in the quantity of sweetened beverages. There were 6,182 licences issued to manufacture table-waters (5,093 in England, 876 in Scotland, and 213 in Ireland), the net receipt of duty being 2,989*l.* There were issued during 1917-18 forty-six licences to manufacture methylated spirit, and 14,308 licences to retail methylated spirit, the net receipt of duty from retailers' licences being 7,136*l.* Some interesting statistics are given as to the quantities of spirits received by makers for methylation in the period under review. These were chiefly home-made spirits, which produced 6,951,396 gallons of industrial methylated spirit and 1,244,470 gallons of mineralised methylated spirit. The bulk gallons, 4,283,974 and 778,586 respectively, were sent into consumption by makers in 1917-18. It will thus be seen that the bulk of the methylated spirit made is employed in industries and not sold retail. Among the uses to which industrial spirits are put are the following:

	Gallons.
Ether	237,792
Chloroform	50,109
Ethyl chloride and bromide	9,240
Solid medicinal extracts	52,638
Alkaloids and fine chemicals	96,393
Embrocations, liniments, and lotions ...	26,944
Surgical dressings	14,249
Capsules and other medicinal appliances ...	1,843
Hair-washes	36,116
Cattle medicines	3,320
Plant-washes, insecticides, and sheep-dips ...	4,897
Photographic manufactures	43,908
Solidified methylated spirit	145,476
Ships' compasses, spirit levels, etc.	2,803
Collodion	28,749
Disinfectants	3,921
Analytical and scientific purposes	7,918
Hospitals and infirmaries	55,054

These are in addition to such articles as varnishes, explosives, etc., in which very large quantities of spirits are used. The amount of pure spirits allowed to be used in connection with arts and manufactures was 26,953,313 proof gallons, much of this being used in connection with munitions of war and drugs, etc., for Government purposes. There were eighty-three spirits of wine licences issued, yielding 821*l.* This licence, which costs 10*l.*, and is taken out annually by manufacturing or wholesale chemists and druggists, authorises the sale in any quantity of rectified spirits of not less than 43 degrees above proof for medicinal purposes to duly qualified medical practitioners or duly registered pharmaceutical chemists or chemists and druggists or persons requiring the spirits for scientific purposes in any laboratory. There were also issued 965 licences to chemists, etc., keeping or using stills, the yield of duty being 477*l.*

The New Preferential Duties.

The text of the Finance Bill is now available, and although alterations in details are inevitable, it may be taken to contain the main outlines of the Chancellor's financial scheme for the year. We are glad to observe that the concession to users of spirits for medicinal purposes, on the importance of which we insisted when we commented on the Budget speech, is embodied in Clause 10 of the Bill. Under this clause spirits used in medicinal preparations or for scientific purposes are exempted from the new spirit duties imposed by the Bill. On the other hand, Clause 12 extends for an indefinite period the power now possessed by the Treasury under Section 15 of the Finance (No. 2) Act, 1915, for the period of the war and twelve months after its termination to restrict the delivery of dutiable goods from bond. We think this is an unfortunate provision for which no justification can be found in the present condition of the nation's affairs, and we hope it may yet be dropped before the Bill becomes law. Industrial enterprise is above all things necessary if the trade of the country is to be restored to its pre-war vigour, and experience has shown that this is to be looked for only where the greatest possible freedom of action is allowed to our traders. Restriction is the parent of monopoly, which robs the small trader of a legitimate outlet for his business capacity. The provisions of the Bill which are of chief general intehest, as well because of their novelty as a fiscal experiment as because of the fact that, if successful,

they are likely to be only a starting-point for a much more ambitious development on the same lines, are those which deal with preferential duties and the modifications in Excise duties consequent on the introduction of the preferential rates. These rates are contained in the second schedule to the Bill, and the corresponding modifications in Excise duties are given in Clause 8. The list of modifications is naturally much less extended than that of the preferential rates, as some of the articles of Empire origin which pay duty on importation into the United Kingdom have not to meet in the home market with the competition of goods produced at home. The only articles to which it is thought necessary to concede a reduction in Excise duties in order to put them on a footing of equality with similar goods imported and of Empire origin are tobacco, sugar, molasses, glucose, saccharin, and chicory. A reduction of a sixth is allowed on the Excise duty on each of these. The second schedule of the Bill provides that the Customs duties to be levied on the importation of these goods from any place within the British Empire, but outside the United Kingdom, is to be at five-sixths of the full rates of Customs duties in force. Goods of home origin thus meet goods of colonial origin on terms of apparent equality in the home market. But, in some cases at least, the equality is only apparent, and the attention of our home manufacturers might well be directed to seeing whether the Chancellor in his anxiety to show favour to the produce of our colonies and dependencies does not do less than justice to the home trader. Take the case of saccharin. It is a matter of common knowledge that some of our British manufacturers set up saccharin factories at great cost during the course of the war, and thus relieved very substantially the sugar shortage from which the country was suffering. Such public spirit and enterprise merited some recognition. Yet what is the fact? When the Chancellor of the Exchequer was asked by the member for Watford on May 12 (*C. & D.*, May 17, p. 54) as to the operation of the proposed readjustments of the duties on sugar and saccharin, he referred to the Finance Bill for the exact effect of the new duties. We turn to the Bill and find that it contains no provision for granting any allowance to home manufacturers of saccharin in respect of the extra expense to which they are put in carrying on their business subject to the restrictions imposed for revenue purposes. Distillers get such an allowance; why not saccharin manufacturers also? We do not offer this criticism because of any disagreement with the Chancellor's eagerness to apply the lessons taught by the war. We are all for making the Empire self-supporting; but we have to keep in mind that it includes the United Kingdom. History ought of course to be looked to if we are to provide in the future against the repetition of mistakes made in the past. In reading history, however, we must be careful not to do so with one eye shut.

Linseed and Rape Oils.

Since the abolition of Government control at the beginning of the month, some exciting developments have been witnessed in vegetable oils and kindred products. The resumption of free trading had been anxiously awaited for some few months past by importers and dealers, and even by consumers, who frequently complained of the difficulties they experienced under official restrictions in covering their wants. The desire, too, to see the country's trade revive and thus to help in resuming overseas connections was rather strongly expressed by the trade generally, although it had been anticipated that incidental to de-control an adjustment of prices in an upward direction was inevitable, from the fact that prices had been kept down under control at a level not calculated to attract supplies of raw material. When the removal of control was at last decided upon the official price of raw linseed oil was 58*l.* per ton naked for home use and 75*l.* for export; consumers now find themselves rather unpleasantly situated in consequence of the extraordinary rapidity with which prices have been forced up in a free, open market. The reason for this is, of course, not far to seek. A vigorous wave of speculation unfortunately set in immediately after de-control, and this has had a far-reaching effect on the attitude of shippers of seed from India and the River Plate. A clear evidence of this regrettable development for consumers is afforded by the extraordinary buoyancy witnessed in forward positions of the oil-product, which in the Hull market have kept close on the heels of spot-oil, somewhat in contrast to London values. The force of the upward swing in both linseed-oil and rape-oil has undoubtedly been intensified by two fundamental causes—firstly, the knowledge that in both cases the Government holdings had recently entirely disappeared through a hungry demand for export; and, secondly, the reckless advance in seed prices. It seems regrettable that certain restrictions have not been placed on purely speculative enterprise in forward positions until more healthy conditions could be established. Crushers evidently do not feel disposed, yet awhile, to commit themselves to any extent on distant contracts until signs become perceptible that the "boosting" of prices has been overdone. The fact remains that the market is very bare of oil, and until the excited demand, which is doubtless largely speculative, subsides, it is possible that a grossly inflated level of values may be maintained. Consumers would certainly be well advised to buy only for strictly urgent requirements, while it may be pointed out that even the present extraordinary price of over 43*l.* a ton which has been paid for Indian linseed does not justify linseed-oil selling at anything like 92*l.* a ton. A figure quite 10*l.* below this would, in fact, be more in line with the inflated cost of seed. However, it is hardly possible to look for any speedy adjustment of linseed-oil prices just yet or until relief becomes manifest from the present acute scarcity. Virtually the same applies to rape seed and rape oil. In the present state of confusion, and owing to severely inflated values, it is obvious that legitimate trading is perforce kept within narrow compass, lest a headlong fall should take place at any time. As already stated in our previous issue, linseed is coming in a little more freely, and supplies are bound to be hurried along, so that more sane views must shortly become manifest, and perhaps lead to a sharp reversal of tactics on the part of speculative cliques. Consumption will probably be held up so long as prices are maintained at a fictitious level. But for the eagerness which has been displayed in granting export licences for the Continent, with sheer disregard of home needs, and the resultant vanishing of the fair surplus supply which existed prior to cessation of control, the position of linseed-oil would hardly be so acute as it is now. Our imports of linseed for the first four months of this year, at 909,237 quarters, showed an excess against the same period last year of 613,142 quarters. River Plate seed would have been shipped in still larger quantities had clearances not been so much interfered with by the labour troubles in the Argentine, but apart from this drawback the supply of tonnage is at present more restricted, while shippers report a keen competitive demand for Holland and Scandinavia. American buying, too, has been active. Of the total Argentine shipments this year up to mid-May, which were well over 713,000 quarters, more than one-half was diverted to the United States, while larger quantities were sent to the Continent than to the United Kingdom. The American position is reported extremely tight with stocks at a minimum, and can only be relieved by the continuation of large shipments from the River Plate. The shipments from India to home ports have improved considerably compared with last year, but speculation there has been rampant under the influence of the sharp rise in the rupee following on the advance in the value of silver. On the other hand, the Indian shipments of rape-seed have this year been very small, hence the prevailing scarcity of rape-oil, with not much prospect for some time of cheaper supplies, while the situation in South Russia is as yet far too grave to induce the hope of a resumption of shipments. Loading facilities from Black Sea ports, indeed, are pretty well hopeless, owners of tonnage exacting stiff demurrage charges. In regard to castor-seed, the February clearances from Indian ports were only 1,405 tons, against 8,641 tons for the same month last year, making the returns for eleven months 80,580 tons, or a deficit of some 12,000 tons compared with 1917-18.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

SEVENTY-EIGHTH ANNUAL MEETING.

London, May 21.

For some reason or reasons members of the Pharmaceutical Society did not appear in overwhelming numbers at the annual meeting, held at 17 Bloomsbury Square, on the afternoon of May 21. The President (Mr. W. L. Currie) took the chair, and with him at the table were the Vice-President (Mr. E. T. Neathercoat), the Secretary (Sir William Glyn-Jones), the Society's Solicitor (Mr. W. H. Quarrell), and the Resident Secretary for Scotland (Mr. J. Rutherford Hill). The members of the Council present (in addition to the President and Vice-President) were Miss Buchanan, Mr. F. E. Bilson (Treasurer), Mr. A. S. Campkin, Mr. J. H. Cuff, Mr. J. W. Deakin, Mr. F. G. Hines, Mr. A. H. Jenkin, Mr. A. R. Melhuish, Mr. L. M. Parry, Mr. P. F. Rowsell, Mr. E. White, and Mr. J. R. Young. Among those in the audience were Mr. W. Browne, Mr. F. Cherry, Mr. H. Deane, Mr. E. H. Farr, Captain H. Finnemore, Mr. J. P. Gilmour (Editor of the "Pharmaceutical Journal"), Mr A. Higgs, Mr. G. J. Knight, Mr. I. T. Lloyd, Mr. R. R. Pratt, Mr. W. E. D. Shirtliff, Mr. W. M. Tims, and Mr. G. A. Tocher.

The Presidential speech was unusually short (of about twenty-five minutes' duration), and, as will be seen, contained little that was not in the annual report. Complete silence greeted the announcement that the Society's school was full and that the bacteriological class was a success; and a still more complete silence—if that were possible—met the remarks on the proposed by-law relating to apothecaries' assistants, which by-law, it was admitted, might "cause a little bit of peculiar feeling." This topic and the financial status of the "Pharmaceutical Journal" were the mainsprings of the discussion that followed—a discussion that revealed considerable dissatisfaction with "things as they are." Hearty applause followed the references to Sir William Glyn-Jones's knighthood and to Mr. Rowsell's work for pharmacy in connection with the Ministry of Health; but, for the rest, the atmosphere of the meeting was not particularly friendly to the Council. Just as the criticisms on the by-law were getting exciting, the President extinguished them with an offer to tell the members in a private meeting what could not be published. Thereupon the rest of the business was quickly run through, and the reporters silently stole away.

The President's Address.

The President said: We are met, Ladies and Gentlemen, to receive the seventy-eighth annual report of the proceedings of the Council of the Society—that is to say, the report of the Council for the past year. I do not purpose to inflict upon you the reading of the report. It has been published, it has been issued to you, and as I take it you have all read it and digested its contents, I presume that you are willing that it should be taken as read. (Cries of "Agreed.") Very well, then, before moving the adoption of the report, I just want to go over one or two of the items specially mentioned in it. I dare say those of you who have taken the trouble to read the report—I hope you have all done so, although it may be an ordeal—will have seen from it that a good deal of work has been done during the past year. As a matter of fact, I think that the past year will stand out as a record one in the history of the Council and of the Pharmaceutical Society. So far as the Society itself is concerned, it still goes on increasing in numerical strength. (Hear, hear.) Its membership is bigger than it has ever been, and I hope that before the end of the year we shall have topped 10,000 members. (Applause.) The prospects in that direction are extremely hopeful, and I am not exaggerating in the least when I say that it will indeed be a disappointment to the members of the Council if the ten thousand figure is not passed. The Register itself will indicate to those who care to examine it how the increase has been going on, both as regards members and student-associates, and also as regards the apprentices, who are now coming forward in large and ever-increasing numbers and joining the Society. All these indications show that we are in a very healthy condition. Next, as regards the examinations, you can, of course, quite understand that in a period such as we have been passing through the number of candidates who sat could not possibly come up to the usual number—that is, to the number who would have sat if the times had been normal.

Dividing the Minor.

But now the times are happily looking rather better, and very shortly we shall be having a big influx of candidates both for the Qualifying examination, or the Minor, as it is called, and the Major. We are hoping that even in July there will be a very great increase on the numbers who came up in April. (Hear, hear.) The new by-laws relating to the examinations, which have now become part of the laws regulating the conduct of the Society, come into operation in August, and I am expressing the feeling of the Council when I say that I hope they give satisfaction to the members of the Society generally throughout the country. I feel sure that they form an innovation which was long after its time to have been accomplished, that was long overdue, and the division of the Qualifying examinations will, I think, be a good thing not only for the better training of the students, but for the bettering of pharmacy as a whole. We all know—at least those of us who have gone through the mill under the rules which previously existed—the difficulties we have had to face if we were unfortunate in coming down in our examinations, through having to keep up our studies for another time when we should have to appear again. Now, however, that has all very happily passed away, and the student will now receive credit for so much of the work as he has done and has passed in, and will not have to take the subjects over again. That is so much to the good.

The School.

Dealing next with the school, it is gratifying to us all to be able to announce that it is in a flourishing condition at the present time. Indeed, it is full up just now, and the prospects for next year are even better than they are now—they are extremely bright. Every bench will be occupied, and as a matter of fact, if rumour speaks correctly, we shall have to divide the classes into two portions, so as to accommodate the enormous number of students who are likely to come to the school. Now, that is a very hopeful outlook not only from the financial standpoint, but in respect to the status of the school itself. You will observe from the report that the Council has decided to continue the bacteriological class in connection with the school, which was started some little time ago, and arrangements have been made with Mr. Parkes, with the special permission of his own council at Stepney, to carry on this particular work. This bacteriological department of the school's work is destined to come very much to the front, and the Council avail themselves of the present favourable opportunity to express the hope that as many as possible will take advantage of the opportunity afforded them of attending the classes.

In Regard to Parliamentary Affairs

It must have been a great satisfaction to all of us when we lost our Secretary as a representative of pharmacy in the House to find that we were having him replaced by a gentleman of such outstanding and conspicuous merits as Mr. Woolcock. (Hear, hear.) You may depend upon it that when pharmaceutical matters engage the attention of the House they will be quite safe in his capable hands, and that full justice will be done to the claims of pharmacists under his watchful care. The only other pharmacist returned to Parliament at the recent election was Sir Richard Winfrey, to whom we have been indebted many times in the past for his services to us, and I have not the slightest doubt—none of us have—that if occasion arises where pharmacy requires support, Sir Richard Winfrey will assist Mr. Woolcock in any effort he may put forward. Already Mr. Woolcock has made his influence felt in the House in several directions. At the present time he is dealing with the establishment of the Ministry of Health, and he has obtained assurances from Dr. Addison, the Minister in charge of the measure relating to that, that pharmacists will receive due recognition on the appropriate Advisory Committees which are going to deal with matters

under the new Ministry. (Hear, hear.) The success achieved in that direction was due in very large measure to the efforts put forward by one of our own Councillors, whom it is the good fortune of the Society to have representing it. I refer particularly to Mr. Rowsell, who is Chairman of our own Ministry of Health Committee. He was able to raise the question personally with Dr. Addison, and obtained an assurance from him to the effect I have mentioned. I think, therefore, we are in very good hands, and that our interests will be well safeguarded when they are looked after by such a capable man as Mr. Rowsell has proved himself to be on this occasion. (Applause.) He has devoted a good deal of time to the object we have in view, and if we can get pharmacists on these Committees of the Ministry it will be a good thing for pharmacy in the long run. (Hear, hear.)

Legal Matters

are going on in the usual way, and the number of inspections of shops that have been made is just about the same; there is not very much to be said about that part of the report in connection with legal matters. With regard to the bodies corporate in England and Scotland, there is a slight increase in the number compared with the previous year. I do not know if that is a good thing for pharmacy or if it is not; in any case it does not do the ordinary pharmacist very much harm. The next point referred to in the report deals with the "Journal." With regard to this, I need hardly remind you that times have been abnormal. I know there has been a good deal of complaint about the "Journal," but you must not forget that during the war there was a great scarcity of paper; it was also very expensive, and the Editor had not full scope for the energies he is capable of putting into the "Journal," and would have put into it under ordinary circumstances, but things are very much improved. It has already become very much enlarged, and I feel quite sure that in the course of a very short time the "Journal" will get back to its original pristine condition, and that we shall have a very fine journal after all.

War Auxiliary Benevolent Fund.

One of the outstanding things that have marked progress during the past year has been the institution of the War Auxiliary Benevolent Fund, the object of which has been the raising of money to assist those who have done their best for us, and who, in many cases, have had to go through a great deal and have had to incur great loss in carrying out what they undertook to do. (Hear, hear.) For the raising of that money our good friend Mr. Parry, the Chairman of the Benevolent Fund, devoted a great deal of time and energy, and the results have been very magnificent. I think that at the present time the Fund stands at something like 20,000*l.* (Mr. Parry: 21,000*l.*) I am told that it has risen to 21,000*l.*, and altogether I think that is a magnificent effort on the part of the pharmacists of this country. (Hear, hear.) You may rest quite assured that this Fund will be judiciously expended and will be carefully guarded. No case that deserves consideration will be cast aside without the most careful attention and deliberation, and if the money already subscribed is not sufficient to complete the work we intend to do, I feel quite sure that if a further appeal is made to the pharmacists of the country a ready response will be made and the Fund will not be wanting. (Hear, hear.) The work in connection with the ordinary Benevolent Fund of the Society goes on very satisfactorily, and we give away a good deal of money in ordinary benevolent grants, particulars of which are all noted down here.

National Health Insurance.

The report next deals with what has been done with regard to National Health Insurance. We all know what has been done with regard to that, and I know that it is a very thorny subject, a subject, too, which creeps up at every pharmaceutical meeting, wherever that meeting may be held, and it is bound to be referred to at the annual meeting of the Society. But I wish to give the assurance that the Local Associations Executive Committee, in dealing with Insurance matters, are doing the very best that they can for the pharmacists at the present time. It is true that we are not having anything like the recompense that we ought to have for Insurance dispensing. (Hear, hear.) We hope, however, now that things are settling down and that we are putting forward demands for things that are bound to come, and which, in fact, have been decided—we hope that a strong front for these things will be presented and that our just claims for better remuneration for National Insurance dispensing work will be conceded, and that pharmacists will have a better reward for the services they render in the national interest. (Applause.) They have put forward splendid efforts, they have done magnificent work during the past four years although they have suffered from shortage of staffs, they have been overworked, and have done an enormous amount of dispensing for the insured people. Credit is due to the chemist for all that he has done, and he deserves adequate payment for the particular offices he renders in this connection. (Hear, hear.)

Military Matters.

The Council have had a great deal to do with military service all over the country, and we have had many times to put ourselves as employers out of joint in order to carry on our business. It is quite true, of course, that we were quite helpless in the matter, for our assistants were taken away; some of them have gone, never to return, unfortunately. With the termination of hostilities, the discharge of some may be regarded, perhaps, as a forerunner of the return of a great many of these men, but it must be confessed that demobilisation has been extremely slow. The Demobilisation Committee of the Council are doing their very best at the present time, as they have been doing right along, in order to get the men back as quickly as possible, but owing to the red-tape methods and manners of the War Office it has been hard work pointing out to the officials there the necessity which exist for these men being liberated at the very earliest possible moment and opportunity. There are still many of our men in the Army, but we hope that as time goes on these men will be liberated, that they will return to the profession, and ease the work for those who have been carrying on at home all the time. The Local Associations Executive have also been doing very valuable work in regard to supplies of necessities, which were very short, and in providing various commodities, even under restriction, but the control instituted under the various Ministries had to be very carefully watched, and all the articles affected by these particular Government regulations had to be attended to. Each of the Government Departments had to be visited, the officials had to be seen, and negotiations had to take place with them with regard to the supplies of various things. I think that, upon the whole, we have come out very well indeed in the supply of materials, even to the public. Of course, one of the biggest stumbling-blocks which we had to face was the restricted supply of glycerin and the alteration of the formulas in glycerin-preparations in the Pharmacopœia. All this had to be contended with. I do not know whether a mistake was made, but I do not think the General Medical Council were justified in making the changes before appealing to those who knew better than themselves whether it was necessary to alter these things at all. I think there would have been plenty of glycerin to have enabled us to have kept on all the preparations in the Pharmacopœia which require glycerin to be used in their manufacture. It was a pity, therefore, that so much trouble had to be taken and that so many things had to be altered—more, indeed, than might otherwise have been necessary.

Organisation.

The Council has devoted a great deal of time to organisation. That blessed word "organisation," which has been in the mind of everyone for I do not know how long! But now we have reached what we consider a very fair state of progress in that respect. We have reached very nearly the state of perfection required by the very latest Government requirements by arranging an organisation in the country for a particular purpose—I refer, of course, to the formation of a representative body in connection with the Industrial Council. I think you will be satisfied in this, that we have kept off the Trade Board and so arranged matters that we shall have an Industrial Council which will be representative of employers and employed. The assisted training of service students is another matter that has occupied a good deal of consideration and a good deal of time. I daresay some of the members throughout the country are perhaps not quite satisfied with what has been done. The Government scheme for soldiers and sailors, for instance, which is now in operation, may not suit everybody, and what we have done in connection with it may not meet with the approval of some; but we had to do our bit like everyone else in assisting the Government as far as we could, and that we have done. We have done one thing in stepping into the breach and filling up the vacancy which they wanted filled up. But there will not be many men coming in under the discharged soldiers and sailors scheme. I have seen some of those who are coming in, and I have found them very capable men indeed, and they may turn out quite all right so far as pharmacy is concerned. In any case, it was important that we should

give these men who have not been able to carry on their own businesses satisfactorily in consequence of what they have undergone during the war a chance of entering another business which they have the prospect of carrying on satisfactorily and successfully. In this sense we have done well for those who have done well for us. (Hear, hear.)

APOTHECARIES' ASSISTANTS.

The proposed new by-law under the Poisons and Pharmacy Act, which has been read a first time before the Council, is one which may cause a little bit of peculiar feeling in regard to its being passed. Most, if not all, of you, I daresay, have read the by-law. We have given you the exact wording as we have thought it best to put it there, and, while it has been drawn up in that particular way, it is not with the full satisfaction and approval of the Council that it was drawn up at all. You know that the necessity for it arises from the difficult conditions which are occasioned by the wording employed in a particular section of the 1908 Act. We thought that the section there dealing with the apothecaries' assistants and dispensers, Army compounders, and so on, was a permissive one. It now turns out that it is not a permissive section, and that the Privy Council have insisted upon us carrying out to the very letter this particular portion of Section 4 (*b*) of the 1908 Act, and we have had to put it into effect by drafting a new by-law to meet the requirements there laid down. We have done so, and have submitted to the Privy Council the by-law as published in the "Journal" of May 10. We hope that it will meet with the approval of the members of the Society throughout Great Britain. I know, of course, that it is open to discussion as to whether we have done the right thing, but upon due consideration of the whole facts and circumstances I feel satisfied that if we are going to gain anything at all we must be prepared to give something in return, and we think that we have made the best bargain possible under the conditions. (Hear, hear.)

OTHER SOCIETY'S AFFAIRS.

The Library and Museum work goes on just about the same, and the North British Branch carries on its work extremely well. There is a good deal to be done even up there, and it will please you to know this, I feel sure, that at the present time the membership of the Society in Scotland is bigger than it has ever been before. That is something. The increase has been thirty-seven. The membership on the roll at the end of last year was 1,049; this year it is 1,086, showing the increase I have mentioned and a membership higher than it has ever been. I hope that that increase will continue and that we shall have a bigger membership in Scotland than even now.

With regard to the financial side of the Society, well, that is always a very thorny side. I know that a great many of the members think that a good deal of the money is wasted, and wasted uselessly. This year, of course, there has been a considerable amount of expenditure—a good deal of extra expenditure. But everything is dearer now, and we have had to keep up with the times in this respect. Wages have gone up, the cost of materials has gone up, and all that sort of thing. The increased expenditure is considerably over 1,000*l*. Now, that can be accounted for in many ways, but particularly in those I have indicated. On the other hand, we have had decreases in certain directions, and these have been due to circumstances which are quite easily explained. For instance, if we take the salaries of the Secretary and Registrar, and so on, we see that there has been a decrease of 283*l*., which is accounted for by the fact that when Mr. Woolcock was leaving he had five months' salary to draw, five months of a reduced salary, and that effected a considerable saving, a decrease in the expenditure, I think, of 280*l*. On the other hand, there has been an increase in the wages of the staff all over. (Hear, hear.) That came as a matter of necessity: we could not help ourselves in that respect, because everybody has been getting more money—even the chemists have been making more money than they have ever done in their lives before. (Hear, hear.) And chemists have spent more in many directions and in many ways.

Of course, the "Journal" has swallowed up a lot of money. I really wish I could see some way to get the "Journal" upon some other footing. (Applause.) I should like the "Journal," in fact, to stand upon its own legs, to make it a purely commercial transaction altogether. (Hear, hear.) It may be revolutionary to say so—I do not know—but I have been always under the impression that to give the "Journal" free, gratis, and for nothing to all the members and student-associates of this Society is a very heavy tax upon the financial resources of this body, because, for example, when a student-associate gets the "Journal," which it costs something like six or seven shillings to produce in a year, and his annual subscription is only half a guinea, there is not very much to come and go on in what is left. I do think some means or method might be devised whereby a good deal of money might be saved in regard to the "Journal."

Another direction in which the expenditure has increased during the past year is that of the travelling expenses of the members of the Council in attending the meetings. But in this case, as in others, the increase could not be avoided. The railway companies had to put up their fares, and naturally it now costs more for the Council to travel than it ever did before.

In regard to stationery, printing, and office expenses, the increases are just on the usual scale, and are principally due to the increased cost of material. All these things cannot be done without expense, and the increases there, as in the other instances, could not be avoided. On the whole, I think the balance-sheet is fairly satisfactory, considering the conditions through which we have been passing, and more especially from the fact that our income has been diminished considerably by the remission of the subscriptions of those men who were fighting for us at the Front. (Hear, hear.) We kept them all on as members without asking them to pay their subscriptions, and this has been fully appreciated, because we know that those who have come back have paid their current subscriptions and feel very grateful for what we have done for them. (Applause.)

So far as fees for examination and registration are concerned, there are large increases in all of these, and this year there will be a very big increase in the finances of the Society from these sources. Indeed, I believe that this year we will get back pretty nearly to the normal conditions. The school fees, of course, will increase very considerably during this approaching year. All the other items of increase are entirely due, as I have said, to the one particular thing—the increased cost of materials and production.

OBITUARY.

There is no good in my wasting your time in going over everything mentioned in the report bit by bit, but before concluding I have to draw attention to the obituary. We have always someone slipping away. We have lost a great many members by death during the past year. The list of losses suffered by the Society in this respect is published at the end of the report. Amongst those whose deaths have occurred were three or four very prominent, well-known, and very efficient men who have rendered good services to pharmacy—Sir William Crookes, Sir A. Pedler, Mr. S. R. Atkins, a Past-President of this Society and a man who served us faithfully and well during all the years he was a member of this Council. We have also lost Mr. F. Harwood Lescher and Mr. W. Lamond Howie, two of our auditors, who were well known to pharmacists not only in London, but all over the country; and also a man whose name was known almost world-wide—Lieutenant-Colonel E. F. Harrison, who left a very glorious reputation behind him, one too to whom we hope to do permanent honour in this building. (Applause.) Then we have also lost a number of prominent local officers, including Mr. Breeze, of Plymouth; Mr. J. Dester, of Aylsham; Mr. H. E. Ellis, of Welshpool; Mr. S. Hewitt, of Ashton-under-Lyne; Mr. W. Hill, of Chorley; Mr. J. H. Matthews, of Leytonstone; Mr. J. B. Pater, of Sheffield; and Mr. G. W. Udale, of Hanwell. In the ordinary course of events all these things will come to our turn, and probably some day our names will be mentioned within the four walls of this building as having passed away. I mention these names on this occasion because they have an historic interest for us. And now, Ladies and Gentlemen, I have finished all I have got to say in the meantime, and I have the very greatest pleasure in moving

That the annual report and statement of accounts as published be received and adopted.

The VICE-PRESIDENT (Mr. E. T. Neathercoat) formally seconded.

DISCUSSION.

The PRESIDENT then intimated that the annual report was open for discussion.

Mr. TIMS: Who owns the "Pharmaceutical Journal"?

The PRESIDENT: Who owns it?

Mr. TIMS: Yes, who owns it? Does it belong to the Society, to the Editor, or to the members?

The PRESIDENT: It belongs to the Society.

Mr. TIMS: Well then, sir, I cannot understand why it does not publish a letter to which reference was made in THE CHEMIST AND DRUGGIST—("Hear, hear," and applause)—of date April 5. I know nothing about the origin of the letter—I do not know who wrote it—but a man who signed himself "Disgusted Life-member" wrote that he sent a letter to the "Journal" about the by-law regarding the

admission of those belonging to the Apothecaries' Hall, and that it was not published on the ground that the criticism he offered was premature. I take it, after all is said and done, that a member of the Society has a perfect right to send a letter to the "Journal" and expect to have it inserted if it deals with the affairs of the Society. I do not know why that letter was not published, unless the Society has mortgaged the "Journal" to the Apothecaries' Hall. (Laughter.)

The President: I will reply to this question later on.

Mr. R. W. Lindsey remarked that the President, in the course of his address, said that the proposed by-law with regard to apothecaries' assistants might, perhaps, cause a little peculiar feeling in the country. With that observation he himself entirely agreed, because the proposed by-law involved one of the most important and far-reaching matters that had come before the annual meeting of the Society for a very long time. Since 1908 the Council had followed the definite policy that the section of the Act referred to was permissive, and not mandatory. Now they had changed their attitude altogether, and submitted to members of the Society a new proposal, with the statement that they had gained. But what had they gained? Their strongest point hitherto had been that admission to membership was obtained by examination, and examination only. (Applause.) Now it was proposed to set up a fresh precedent—to admit people who had not passed the Qualifying examination. It was quite obvious that within a very short time attempts would be made by unqualified drug-store dealers and unregistered assistants, through legislation, to get registration, and they would use the proposed by-law as a very powerful weapon in fighting for that object. As pharmacists they must not blind themselves to that fact. Those people were armed now; previously they were unarmed. They could say, if the by-law were passed, that the Society had admitted to its Register men in institutions who had never come in contact with that form of pharmacy for which the law said the Pharmaceutical Society's qualification was required—viz., the sale of poisons. (Applause.) It was useless members of the Society blinding themselves to the fact that under the proposed by-law they were moving from a position where they were subject only to a little sniping to one where machine-guns could open on them. (Hear, hear.) He desired to ask the President whether, at the special meeting of the members at which a vote would be taken on the by-law, a copy of the regulations and institutions proposed to be approved would be placed on the table, and would be read to the members. He also asked whether the regulations provisionally approved by the Privy Council would come before the meeting, and be open to the perusal of members. Before they voted members desired to know exactly what their position was. (Hear, hear.)

Mr. J. Ingham, speaking from the back benches, was understood to say that he had a strong feeling that if the letter referred to by Mr. Tims had appeared in the pharmaceutical Press last week it might have greatly influenced members in any vote they might be asked to give on that occasion. Personally, he would rather that the by-law should be defeated, than that by its adoption those who are unqualified should be admitted to registration under it. Indeed, he should prefer to see the whole of the 1908 Act entirely repealed than that such a thing should take place. After all, he had failed to discover one atom of good that had been derived by the pharmacist from what he would call an entirely useless and unnecessary Act. (Hear, hear.)

Mr. Tims remarked that at a previous meeting he had asked Mr. White, a former President, whether Section 4 (*b*) of the Act of 1908 was permissive or compulsory, and the reply he received was that it was permissive. Now it was suddenly discovered to be compulsory. "Who are the Privy Council? Who elected them? And what power have they got to compel us as a Society to admit apothecaries' assistants?" Mr. Tims went on to inquire. The President in his address had stated that a great alteration had been made in the Society's examinations, and that when it became operative it would be an easy thing for anyone of ordinary talent to pass them. The President had not actually used those words, but he really meant what they conveyed. (Laughter.) No attempt had been made to alter the regulations regarding admission to the medical profession for the benefit of apothecaries' assistants, and why should those regarding admission to pharmacy now be altered? Was there to be any finality about this thing? In that question lay the crux of the whole matter. Had they any valid assurance that the Privy Council would not, as a result of the adoption of the by-law, next say to the Society that they were to admit to membership Army compounders and others? As a matter of fact, he very much doubted if the Council had any valid assurance on anything. In order to cover the deficit caused by the "Journal" Mr. Tims suggested that the annual membership subscription should be increased to a guinea and a half. The thought had occurred to some of them that they should separate themselves from a Society which had anything to do with a Government Department and form another which would control its own officers. He was not so sure that if the by-law were passed an absolutely independent body solidly consisting of chemists and druggists, and entirely outside the Pharmaceutical Society, might not be formed.

Mr. G. J. Knight, who was received with applause, described the proceedings as "rather slow," and suggested that in their attitude towards the proposed by-law members should adopt the motto frequently associated with the thistle, "Nemo me impune lacessit." (Laughter.) That, he thought, was the spirit in which they should make themselves regarded by the Privy Council and others. Who, after all, were the people who called themselves the Privy Council? They issued proclamations describing themselves as "His Majesty's Privy Council," and concluded them all with "God Save the King," which he thought was very necessary. (Loud laughter.) He counselled the Society to assert its position in face of the dictates of the Privy Council, or else take its charter, with due solemnity, into the adjoining enclosure and pharmaceutically incinerate it. (Laughter.) That charter would be absolutely useless to them if they allowed a crowd of unqualified people to be admitted to the Register. The passing of the by-law would not only be the insertion of the thin end of the wedge, but the ripple of an inrushing tide. (Applause.)

Mr. Higgs raised the objection that the meeting had not been called to discuss the by-law.

The President stated that if anyone had used the expression "repression of discussion" with reference to remarks on the proposed by-law he had made a very great mistake. He had not attempted to repress anybody or anything. It was the privilege of any member to discuss any point raised in the report.

Mr. Higgs, proceeding, expressed regret that effect had not been given to the suggestion made at previous annual meetings that the assets of the Society should be entered in the financial statement at market and not at par value. Consols, he pointed out, are now worth about 56½, and on this basis it would not be difficult for the Secretary, Accountant, and Auditor to adjust the value of the assets in the form of Consols which appeared in the balance-sheet. With reference to the Ministry of Health Bill in Parliament, he hoped the Secretary would see to it that nothing was introduced in future legislation that would be hurtful to the business of the chemist and druggist. Having advocated the continuance of early closing, Mr. Higgs urged that efforts to secure increased fees for dispensing under Health Insurance should be continued, and, dealing with the proposed by-law, thought the Council are in honour bound to carry out the condition stipulated in Section 4 (*b*) of the 1908 Act. (Hear, hear.) It was a bargain made for the passing of the Act, and they ought to abide by its terms. One thing he should have liked to have seen the Council do, and that was to take action for securing the registration of drug-stores. He thought the time was ripe for the Society to promote a Bill providing for such a registration as was in operation in Ireland, so that no one could sell drugs unless he was registered. At present anyone could open a drug-store. Concluding, Mr. Higgs took the opportunity of congratulating the Secretary on the great honour conferred upon him.

Miss Andrews inquired if the North British Branch of the Society had turned down the proposed by-law, and, if it were so, would the President state the reasons its members had for so doing?

The President replied that the by-law had not been dealt with by the North British Executive.

Mr. F. Cherry thought that by the adoption of the by-law the Society would give up that part of its Charter by which it was regarded as being the guardian of the public. If those who dispensed in public institutions were to be admitted to membership without examination, there was no reason why boys who did dispensing for a doctor should not also make a claim for admission.

Mr. T. Marns stated that he attended a meeting at Southampton about a fortnight ago, at which representatives of the Society were specially invited to be present. One gentleman stated that he had served an apprenticeship of five years, and he also read a letter from a doctor for whom he had dispensed for five years to the effect that he had during that time dispensed many thousands of prescriptions without a mistake, and he now conducted a good, straight business with a drug-store, in which he did a

business worth 50*l.* a week. That gentleman, a member of the Incorporated Society of Drug Stores, stated that that organisation had powerful friends in Parliament, and that its members were to make strong efforts to get the same right as was proposed to be given to Apothecaries' Hall people. What position, Mr. Marns asked, was the Council to take with regard to those people?

The President said that before going any further into the question of the by-law, which seemed to be the one great blot in the report, he proposed to make the meeting an offer. If it was their wish, after the business was completed, to wait behind and form themselves into a private meeting, the Council would, perhaps, be able to give them some information which they did not at that time possess as to what had induced the Council to draw up the by-law in that particular form. A number of them had been talking about matters which they did not quite understand, and therefore he made them the offer he did.

It was unanimously agreed that the Chairman's offer should be accepted.

The President, in replying to the discussion, stated that the reason why the letter referred to by Mr. Tims was not published was that at the time it was sent in the by-law to which it referred had not been drawn up.—(Mr. Tims: "That's not good enough," and cries of "Chair!") In reply to Mr. Lindsay, he had to say that the regulations and list of institutions would be placed before the members before they were asked to adopt the by-law. The President then went on to enlarge once more upon the work the Council had covered during the past year, and followed up by remarking that he could not put the resolution for the adoption of the report without making some reference to the enormous amount of work which had been done by the officials, from the Secretary downwards. Touching on the distinction conferred upon the Secretary, he remarked that no man connected with pharmacy more deserved the honour than the Secretary did. Having commended Mr. Chater, Mr. Mallinson, and Mr. Moon for their arduous labours in the interests of the Society, the President referred to the presence with them of Mr. Rutherford Hill, Secretary of the North British Branch, remarking that that gentlemen would not have travelled to London unless he had been on most important business. Concluding, he said the Society is progressing satisfactorily, and then put the resolution for the adoption of the annual report, which was unanimously agreed to.

The President then announced that as there had been no election for the Council this year the seven members who retired had been re-elected, and he so declared them.

Auditors.

On the motion of the President, seconded by the Vice-President, the following resolution was formally adopted:—

That the following, having been duly nominated, be elected auditors for the ensuing year: George Bult Francis, Wm. H. Gibson, James Stuart Hills, Thomas E. Lescher, and Edgar J. Millard.

The President, in concluding the proceedings, said that the various registers were open for inspection.

A private meeting of members was then held for the purpose of hearing a statement of the grounds the Council have for submitting the by-law referred to in the discussion.

Council-meeting.

A special meeting of the Council was held on May 21 at 16 Bloomsbury Square, London, W.C. The chair was occupied by Mr. W. L. Curric, the President. A letter was read from Mr. William H. Quarrell, solicitor of the Society, in the following terms:

On March 5, 1918, I completed fifteen years of my pleasant connection with the Pharmaceutical Society of Great Britain. In March 1918 the minds of all of us were intent upon important and serious matters, and are so still, but with the horizon now happily more clear I would like to ask the Council to do me the honour of accepting a small object which may, perhaps, occasionally ornament their table—a small bowl of Sheffield plate, set with George III. silver coins, which I now send you. If the Council will accept it to mark the date above mentioned I shall be pleased.

It was agreed to accept the gift, and that the thanks of the Council be tendered to Mr. Quarrell for it. It was formally moved, seconded, and agreed that sixteen persons whose names were given should be elected members of the Society, that 157 student-associates should be elected, and that a large number should be restored to membership of the Society. The report of the Library, Museum, and House Committee was adopted. The Council then proceeded to arrange the business of the annual meeting.

Trade Report.

42 Cannon Street, E.C. 4, May 22, 3 p.m.

The distinct revival in the chemical, drug, and produce trades, especially on export account, continues. The Continent now appears to be buying steadily, and orders are of a more miscellaneous character. Inquiries are also being received from the occupied territories in Germany and Czecho-Slovakia. Among drugs, ipecacuanha and cardamoms continue to appreciate in value. Balsam tolu is firmer, Peru being steady. Belgian chamomiles are easier and gentian is tending firmer, owing to the rise in Spanish freights. Clove oil has had a rapid rise, following the spice; star-anise and lemon oils are easier, while bergamot and orange are steady. Turkey opium is lower, with fairly plentiful supplies; the opium alkaloids are, however, unchanged. Fine tragacanth is practically unobtainable. Menthol and oil of Japanese mint are firm. Camphor slabs are very scarce and dearer. The tendency in the fine-chemical group is still downwards, but it is conjectured that with the revival in export demand prices have reached a point where a recovery may reasonably be expected; this applies especially to products like salicylic acid, phenacetin, resorcin, hydroquinone, and bromides. A further reduction has taken place in aspirin; barbitone is also cheaper, likewise methyl salicylate, diamidophenol, tannic acid, heliotropin, and coumarin.

Higher	Firmer	Easier	Lower
Camphor (Eng. and Jap. rel.)	Gentian	Anise oil, star	Annatto-seed
Cassia lignea	Hydroquinone	Benzoic acid	Amidol
Castor oil	Menthol	Chamomiles	Aspirin
Clove oil	Paraldehyde	Coumarin	Barbitone
Cloves	Pimento	Farina	Heliotropin
Coconut oil	Salicylic acid	Lemon oil	Methyl salicylate
Coriander-seed		Phenazone	Opium (Tky.)
Fenugreek-seed		Tamarinds	Petrol
Ipecacuanha			Tannic acid
Linseed oil			
Saccharin			
Senega			
Soya oil			

Cablegram.

New York, May 21.—Business in drugs is quiet. Opium has been reduced to $11.00 per lb. (duty paid) for druggists' owing to further arrivals. Citric acid is also cheaper at $1.02. Copaiba is steady at 62½c. per lb.

Acetic Acid.—The freight on acetic acid from the U.S. has been raised to the equivalent of 3*l.* per ton, which helps to stiffen the value of spot parcels. The quotation for 80-per-cent. pure is 67*l.* 10*s.* in barrels, and glacial is 85*l.* per ton on the spot.

Agar-agar is firm, with spot sales of No. 1 Japanese strip at 2*s.* 9*d.* The exports from Japan during February 1919 amounted to 156,857 kin, valued at 200,873 yen. During the two months ended February 28 they were as follows:

	1917	1918	1919
Kin	537,239	447,757	246,838
Yen	479,618	419,271	298,382

The destinations were as follows:

To	1917 Kin	1918 Kin	1919 Kin
China	275,598	57,778	68,149
Hong-Kong ...	108,488	95,797	91,9.9
Straits Settlements	7,865	14,343	22,000
Dutch Indies ...	44,060	37,787	15,875
Asiatic Russia ...	—	62	310
Great Britain ...	17,262	205,638	11,000
France	—	—	—
United States ...	32,267	956	17,636
Other Countries ...	53,699	35,396	19,959
	537,239	447,757	246,838

Aloes.—Curaçao is quiet, with good pale liver offering at 130*s.* and dull ordinary at 85*s.* Cape is firm, with good bright selling at from 55*s.* to 57*s.* 6*d.* and ordinary at 50*s.* The exports from the Union of South Africa by countries of destination during 1917 and 1918 were as follows:

To	1917 lb.	1917 Value £	1918 lb.	1918 Value £
United Kingdom ..	547,821	4,790	155,986	1,322
Hong Kong ...	—	—	29,312	335
Japan	91,454	973	99,540	1,317
U.S.A.	113,360	1,172	254,839	3,443
	752,635	6,935	539,677	6,417

Amidol.—There is now more competition from British makers, so that it is not surprising that the price is lower at 16*s.* 6*d.* per lb

Anise Oil, Star, is quiet and easier, with sellers of "Red Ship" brand at 4*s.* 6*d.* per lb. on the spot.

Annatto-seed is cheaper, fair East Indian offering at 4½*d.* per lb.

Antimony.—The feeling generally is strengthening, chiefly in consequence of the fact that there are practically no supplies of either regulus or crude afloat to this side or to the United States. Chinese shippers are asking higher terms for the latter destination, and spot prices have advanced with a steadily improving demand. Only 100 tons were added to the British Government stock of regulus last month, which amounted to 4,461 tons. There is apparently no disposition to press the liquidation of this at present while fresh imports are held back. English regulus is unobtainable at less than 45*l.* In the circumstances, consumers are taking more kindly to the market. Antimony ore, as well as crude, are quite nominal.

Arsenic.—The market for white Cornish powder is very irregular; leading selling agents are now asking 32*l.* 10*s.* to 34*l.* a ton delivered London for 5 to 10 ton lots. The trend of prices has also shown marked irregularity for other descriptions, while it is understood that the lowest rates accepted recently down to a little below 25*l.* were for either Australian or Japanese lots. The supply of Portuguese is practically in the hands of one firm. Buying is practically confined to retail lots, although a fair number of inquiries are in the market.

Aspirin.—Fierce competition from the United States has led to a further reduction in prices, spot now offering at 4*s.* 5*d.* and at 3*s.* 10*d.* to come forward, the latter price being, of course, for large quantities of American make. Whether this keen competition can be sustained seems doubtful, and, considering the price of acetic anhydride, the margin of profit must be exceedingly narrow. The demand for aspirin is good, and some holders are able to get 4*s.* 6*d.* on the spot.

Balsam Peru is steady, with spot sellers at 16*s.* per lb.

Balsam Tolu is firmer, spot holders asking 6*s.* 6*d.* per lb., in view of the advance in America.

Barbitone.—With the increased production and the falling off in demand, the spot price has declined to 42*s.* 6*d.* per lb., with the probability of a still further decline.

Benzoic Acid (ex toluol).—The American makers seem anxious to unload their surplus production on this market, and a gradually sagging tendency continues, spot parcels offering at 5*s.* 6*d.*

Bergamot Oil is steady at 21*s.* per lb. c.i.f. to arrive and 22*s.* 6*d.* on the spot

Bromides.—The position is as notified last week, stocks by no means being heavy on the spot. Taking into consideration the increased cost of production, there is not much difference between pre-war and present prices. Potash crystals is 2*s.* 8*d.*, granular 2*s.* 6*d.*, sodium 2*s.* 5*d.* to 2*s.* 7*d.*, and ammonium 2*s.* 10*d.* to 3*s.* per lb.

Buchu.—The exports from the Union of South Africa by countries of destination during 1917 and 1918 were as follows:

	1917		1918	
To	lb.	Value £	lb.	Value £
United Kingdom...	27,842	3,801	40,141	8,615
Australia	209	28	219	41
U.S.A.	96,059	16,325	49,315	8,292
	124,110	20,154	89,675	16,948

Camphor (Refined).—Supplies of Japanese refined appear to be insufficient to meet the demand, as France is still a buyer. Prices have advanced fully 1*s.* per lb., with sales at 11*s.* 3*d.*; sales of March-May shipment are reported at 10*s.* 6*d.* c.i.f.; English flowers have advanced to 9*s.* 6*d.* The exports from Japan during February 1919 amounted to 122,190 kin, valued at 389,058 yen. During the two months ended February 28 they were as follows:

	1917	1918	1919
Kin	471,180	307,265	312,392
Yen	673,134	558,466	916.914

The destinations were as follows:

	1917	1918	1919
To	Kin	Kin	Kin
British India ...	95,114	112,183	1,523
Asiatic Russia ...	—	—	1,181
Great Britain ...	16,178	97,636	4,385
France	—	—	44,577
United States ...	345,361	53,758	239,319
Australia	331	15,159	—
Other Countries ...	14.196	28,529	21,404
	471,180	307,265	312,392

Calumba is selling at from 80*s.* to 85*s.* per cwt. on the spot, as to quantity and quality.

Camphor Oil.—The exports from Japan during February 1919 amounted to 16,471 kin, valued at 4,057 yen. During the two months ended February 28 they were as follows:

	1917	1918	1919
Kin	187,805	22,580	21,806
Yen	35,283	5,570	5,316

Canary-seed has continued in demand at advancing prices, 172*s.* 6*d.* per quarter, c.i.f. terms, has been paid for Morocco for shipment, and 182*s.* 6*d.* on the spot.

Cardamoms have been in good demand, the sales including Ceylon-Mysore at from 6*s.* to 7*s.* for bold down to 4*s.* for small pale, and fair green Aleppy at from 3*s.* 9*d.* to 4*s.*, but higher prices are now asked.

Cassia Lignea is dearer to the extent of 15*s.* per cwt., spot sales of whole selected having been made at from 85*s.* to 100*s.*

Castor Oil.—With a continued good demand prices have advanced a further 10*s.* to 99*s.* per cwt. for pharmaceutical, and to 96*s.* for first pressing, in barrels.

Chamomiles are slightly cheaper, fair white Belgian, of which small lots have come to hand, offering at from 220*s.* to 230*s.* per cwt.

Chloral Hydrate is in better demand, as is not unusual at this period of the year, and this is helping to reduce the rather heavy stocks. The price is unchanged at 6*s.* 9*d.* per lb. for duty-paid crystals.

Cinchona.—At auction on Tuesday 637 packages offered, of which 237 sold at full prices. Of 361 packages Java 237 sold, comprising dusty stem and root chips at 1*s.* 8*d.* and dust 3*d.* to 1*s.*; 276 bales Calisaya were bought in.

Citric Acid is firm and unchanged at from 4*s.* 4*d.* to 4*s.* 5*d.* per lb., with still a fair demand.

Clove Oil.—The advance in the spice has led to a rapid rise in clove oil, English distillers having raised their price several times, closing at 12*s.* net.

Cloves are dearer, with spot sales of fair Zanzibar at from 1*s.* 1*d.* to 1*s.* 4*d.* per lb.

Cocaine.—Hydrochloride is unchanged. High prices still continue to be asked for crude, and a fairly large quantity has been taken off the market.

Cod-liver Oil.—Our Bergen correspondent writes on May 15 that the Finmarken fishing continues under favourable conditions. The official figures gives the following results of all fisheries up to May 10:

	1917	1918	1919
Catch of cod (millions)	22·7	15·9	20·1
Yield of c.l.o. (hect.)	32.850	15,400	25,750
Liver for "raw" oils (hect.) ...	3,500	5,000	3,100

In London agents offer finest new non-freezing Lofoten at 425*s.* c.i.f., at which business has been done. We note the arrival of 80 barrels from Bergen to Newcastle.

Coriander-seed is firmer; old crop Morocco has been sold at 25*s.* and 1918 crop at 30*s.* per cwt. on the spot.

Coumarin is rather weaker at 40*s.* per lb. on the spot.

Ergot.—Small sales of Spanish are reported at 12*s.* per lb., which is probably the highest on record.

Eucalyptus Oil.—It is somewhat singular that lower quotations are prevalent, in view of the large demand anticipated from the Continent. For 70 to 75 per cent. oil, in sound packages, some holders still ask 2*s.* 9*d.*, but values are being depressed by second-rate quality in leaky tins.

Farina is dull and easier, No. 1 Japanese having receded to 47*s.* per cwt. on the spot, and May-July shipment to 45*s.* to 46*s.* 6*d.* c.i.f., at which business has been done. *Sweet* is inactive, with spot sellers at 40*s.* and May-June shipment at 37*s.* c.i.f.

Fenugreek-seed is dearer, 20*s.* per cwt. having been paid for fair Morocco on the spot, with 21*s.* to 22*s.* now asked.

Gallic Acid is moving off a little more freely at from 6*s.* 3*d.* to 6*s.* 6*d.* per lb. for pure crystals.

Gentian.—In consequence of the rise in freights spot holders in some instances now ask 57*s.* 6*d.* per cwt.

Guaiacol Carbonate.—A few export orders have helped to reduce the spot stocks, which are more than required for home consumption; 34*s.* to 36*s.* is quoted, as to seller.

Heliotropin has been reduced to 20*s.* per lb. on the spot.

Hexamine.—The demand is well maintained at from 5*s.* 9*d.* to 6*s.* per lb. on the spot.

Honey maintains the advanced prices paid at auction, up to 95*s.* having been paid for good pale Cuban and 97*s.* 6*d.* for white Californian in cases. Set Australian in cases is selling at 65*s.* Fair arrivals are taking place from Australia and New Zealand.

Hydroquinone for some time past has been sold at unprofitable prices, but now that the price has advanced 1*s.* in the United States holders on the spot are asking 11*s.* per lb.

Ipecacuanha.—Since the auction market has shown a rising tendency, good stout Matto Grosso (of which quality

supplies are very small) having been sold at from 11*s.* to 11*s.* 6*d.* per lb. No arrivals have taken place.

LEMON OIL is slightly easier to arrive at 4*s.* 4*d.* c.i.f., spot values being from 4*s.* 6*d.* to 4*s.* 9*d.*

LIME-JUICE is in fair demand at from 2*s.* 9*d.* to 3*s.* 3*d.* per gal. for raw West Indian, the latter price being for good pale. Stocks remain heavy.

LIME OIL.—Fair West Indian distilled is obtainable at 4*s.* 3*d.* per lb. on spot.

MENTHOL is steady, with spot buyers of Kobayashi-Suzuki at 23*s.* 9*d.* per lb., and sellers at 24*s.* The exports from Japan during February 1919 amounted to 8,878 kin, valued at 99,032 yen. During the two months ended February 28 they were as follows:

To	1917 Kin	1918 Kin	1919 Kin
British India	801	5,071	911
Great Britain ...	13,088	4,483	40
France	—	—	225
United States ...	31,157	17,465	21,418
Other Countries ...	2,960	875	577
	48,006	27,894	23,171
Yen	316,374	165,815	205,412

METHYL SALICYLATE.—The large stocks existing on the spot have been responsible for the low figures accepted lately, and although several holders ask 2*s.* 6*d.* per lb., this price is being shaded.

MILK-SUGAR is freely moving into consumption; from 175*s.* to 178*s.* per cwt. is quoted for B.P. powder.

MINT OIL.—Japanese dementholised is quiet, with small sales of Kobayashi-Suzuki at 5*s.* 10½*d.*, and for parcels afloat 5*s.* 6*d.* c.i.f. has been paid. The exports from Japan during February 1919 amounted to 7,659 kin, valued at 24,892 yen. During the two months ended February 28 they were as follows:

	1917	1918	1919
Kin	13,038	10,695	29,555
Yen	29,131	22,606	62,571

MORPHINE.—Hydrochloride is steady, with sales for export at 18*s.* per oz.

MYRRH.—Prices show a recovery since the auction, a limited quantity of good Aden sorts being held at 17*l.* per cwt.

OILS (FIXED).—*Linseed* is strong and dearer, spot, naked, having been sold up to 94*l.* to 97*l.* *Rape* is also dearer at 100*l.* on spot, naked, for refined. Crude *Cottonseed* is not quoted, while refined is 74*l.* Cochin *Coconut* is dearer at 90*l.* to 92*l.* for near at hand. Chinese *Wood* is 95*s.* on the spot, and Lagos *Palm* is 69*l.* to 69*l.* 10*s.* in Liverpool.

OLIVE OIL.—A Royal Order fixed at 90,000,000 kilos. the quantity of olive oil which may be exported from Spain during 1919. These oils will have to pay an export duty of 20 or 25 pesetas, according to the capacity, form, and other conditions of packages, and also a further tax of 20 centimos per 100 kilos. A further Order, however, authorises the exportation from Spain of olive oils in the natural state.

OPIUM.—A fair quantity from Turkey is now being landed, and when analyses are completed will be offered at much lower prices than those recently ruling. We note the price of druggists' in America has been reduced to $11.00 per lb., duty paid, which is considerably higher than the London price.

ORANGE OIL.—Sicilian sweet is steady at from 10*s.* 9*d.* to 11*s.* per lb. c.i.f. and 11*s.* 6*d.* to 11*s.* 9*d.* on spot.

PARAFORMALDEHYDE is quoted at 4*s.* 6*d.* per lb. on the spot.

PARALDEHYDE is tending higher, as the cheaper American stocks are becoming depleted and English is not plentiful; the spot value is about 5*s.*

PEPSINS.—At the reduced prices there has been a marked revival in the consumption.

PHENACETIN appears to be available on the spot in small quantities only, but further consignments are on the way from America. The spot quotations are unchanged at 12*s.* 6*d.* to 13*s.*

PHENAZONE.—Some small parcels have arrived from France, which are offered at the easier rate of 40*s.* per lb., but they are not considered sufficient to meet all requirements.

PIMENTO is firmer, with spot sales at 5*d.* to 5¼*d.* per lb.

POTASH IODIDE.—The exports from Japan during February 1919 amounted to 15,376 kin, valued at 95,664 yen. During the two months ended February 28 the shipments were as follows:

	1917	1918	1919
Kin	17,180	27,681	18,957
Yen	110,099	167,109	122,530

Of *crude iodine* 2,222 kin, valued at 12,064 yen, were exported during February, and the exports for the two months ended February 28 were:

	1917	1918	1919
Kin	2,511	10,913	2,799
Yen	21,828	64,080	17,019

POTASH PERMANGANATE.—The stocks of Japanese make are gradually becoming liquidated at steadily declining prices, good bold crystals offering at 3*s.* 3*d.* per lb. in cases.

POTASH PRUSSIATE.—*Red* of Japanese make can be had at 6*s.* to 6*s.* 6*d.*, and *yellow* at 1*s.* 9*d.* in cwt. cases.

PYROGALLIC ACID.—Crystals offer at 10*s.* 6*d.* and the resublimed at 14*s.* per lb. The photographic trade seems to be heavily stocked with photo. chemicals at the moment.

RESORCIN is selling more freely at the previous price of 20*s.* per lb. for spot parcels.

SACCHARIN.—Prices remain very irregular on the spot owing to the stocks in the hands of firms outside the chemical trade. There are plenty of buyers at 10*s.* per lb. in bond, but it is difficult to find any offers of American 550 below 20*s.*, with the exception of a few outside lots. The British Government price is also 20*s.* in bond. After September 1 the Excise duty and the Customs duty on saccharin imported from the British Empire will be 110*s.* per lb., against 130*s.* on saccharin imported from foreign countries. Meanwhile, importation is prohibited except under licence.

SALICYLIC ACID.—The cheap prices quoted on this market refer to powdered only, whereas finest needle crystals command 1*s.* 7*d.* to 1*s.* 8*d.*, and business is claimed to have been done at these prices.

SASSAFRAS OIL.—American natural has been selling at 10*s.* per lb.

SENEGA.—Spot holders ask 7*s.* 3*d.* per lb. for single bales, which is a considerable advance on previous prices, as recent business has been done at about 6*s.*

SHELLAC is quiet, but prices are again higher on the week, the usual standard TN Orange quality offering at 310*s.* to 315*s.*, with spot sales at these figures. TN for delivery is cheaper, the sales including August at 315*s.* to 310*s.* to 312*s.*, and October at 300*s.*

SODA HYPOSULPHITE.—Pea crystals of American make offer at 22*l.* 10*s.* per ton.

SODA SALICYLATE is unchanged at from 2*s.* 6*d.* to 2*s.* 9*d.* per lb. for B.P. powder.

SULPHOCARBOLATES.—Both sodium and zinc are quoted at 2*s.* per lb.

SULPHONAL is almost unobtainable on the spot, while to come forward from 67*s.* 6*d.* to 70*s.* per lb. is quoted.

TAMARINDS.—Buyers have been holding off anticipating lower prices. Good Barbados in bond are offered at 65*s.* and Antiguas at 55*s.* in bond. East Indian now afloat are offered at 35*s.*

TANNIC ACID.—The reduction in the price of galls enables makers to modify their prices for *levisa*, which is now quoted at from 8*s.* 6*d.* to 8*s.* 3*d.* per lb., as to quantity.

TARTAR EMETIC is quoted at 3*s.* 9*d.* per lb. for 43 to 44 per cent. powder.

TERPINEOL is available in fair quantities, 1 cwt. lots offering at 4*s.* per lb.

TRAGACANTH.—Fine white druggists' quality is now unobtainable at the moment, and extremely high prices have been paid for single cases. Some consignments on the way are expected to meet with a ready sale.

TURPENTINE.—The market has developed surprising strength in contrast to the recent sharp downward tendency in forward positions in anticipation of a steady growth in the arrivals from America. For one thing, the American price has risen appreciably of late, while the receipts from Southern ports have not increased much. The home-trade demand has become more active, and consumers in the paint and varnish trades have presumably been influenced by strong rising markets for seed oils. This development, incidental to de-control, has proved somewhat contagious, and the demand for turpentine being rather in excess of the supply sellers in all positions are more reserved. The price of spot now stands at about 99*s.* per cwt., and there has been some recovery in forward positions.

VANILLIN.—The advance in clove oil will, it is believed, effect an improvement in the price of vanillin.

ZINC PRODUCTS.—The tendency generally is unsettled, under the continuous accumulation of spelter in America, this country, and France, but the production of the metal is being so much curtailed that the price of forward metal has now gone to a premium, and this may have some effect in checking a further fall. The chief brands of home zinc oxide have not been affected lately, quotations having been maintained at 70*l.* to 85*l.* per ton delivered London. There is an increased demand for zinc white, which costs about 45*l.* per ton.

Registering Apothecaries' Assistants.

Sir,—The new by-law, which seeks to admit holders of the apothecaries' assistants' certificate to the roll of chemists and druggists without examination, is unjust to the trade as a whole. I think that it would be better and safer to admit men who have had over twenty years' practical experience in pharmacies, have served a regular apprenticeship with a pharmacist, passed the old Preliminary examination, taken the regulation studies for the Minor, and duly presented themselves for examination either at Galen Place or York Place. All the failures of the "unqualified" have not been through lack of knowledge before the examiners, as personally I have been through the whole examination twice and then been turned down by practically the "spin of the coin"; and, moreover, complimented in regard to my practical pharmacy. No doubt there are many similar cases, but still we are classed with the "unqualified," and ignored. Who would be better to keep open shop or have the care of dispensing poisons—the man who has everyday contact with the dispensing of physicians' prescriptions (not stock solutions), or those referred to in Section B of the by-law? Apart from that, I think it most unfair to the registered men who like myself have paid their money and taken their chance, after the money spent in tuition and examination fees, to say nothing of the additional expenses incurred while studying, and now a certain amount of their return is going to be taken away by an over-loaded market. The Society seem to be able to do anything for outsiders, but very little in the way of progress for the active members of the trade.—Yours, etc.,

Justitia. (160/18.)

Sir,—Shortly before the passing of the Pharmacy Act, 1908, a special meeting of chemists was convened by the Pharmaceutical Council, at which we were told that the title "chemist" did not belong to us. A pack of nonsense was uttered by Mr. Neathercoat, and a motion (cut-and-dried) was proposed and carried before many of us got a chance to speak. The companies wanted legal sanction to use the title, so the Privy Council frightened the Pharmaceutical Council into acquiescence. Like children with a new coin our opposition was bought over or bartered by the promise of the fascinating title "pharmacist," which will never be worth a rap to anybody. The Pharmaceutical Society, ever weak, were bluffed, and we were sold. The President now says, "He had to remind them that to get something, something must be given." Yes, they will be giving away our titles at fourteen guineas apiece to persons who have no more moral or legal right to them than we have to M.D. Will Mr. White, who refers to the benefits derived from the 1908 Act, kindly tell us what those benefits are, besides legal sanction to companies to usurp our title? Mr. White says: "At the time the provision was inserted in the Bill they were assured that it was entirely 'permissive,' and subsequent authoritative legal advice had confirmed this view." Then why worry? Let the Privy Council do their worst. They always have done, and always will, unless the Pharmaceutical Council show a little more grit and less cowardice. Brother chemists, wake up! The usual retrograde step is being taken. A dangerous precedent is being enacted. First companies and nurserymen, then the unqualified, and next you will find Army compounders, nurses, and midwives all clamouring for recognition as chemists and druggists. Urge every Association throughout the country to bombard the Pharmaceutical Council with their vigorous protests against this unwarrantable and dangerous precedent. Let the officials of the Privy Council be defied on the grounds of common sense, justice, and public policy. If this fails, and they carry out their threat, no future Act of Parliament could ever make the conditions of pharmacy worse than they now are.—Yours faithfully,

Hants. (159/59.)

Sir,—I am sure your readers in general are grateful to you for the able and complete article setting forth the case for and against the admittance of apothecaries' assistants to the Register of Chemists and Druggists, as threatened in the recently read by-law. . . . One is a little concerned at the easy assurance of the statement of the President, that only a limited number can gain registration by this means. Upon what authority does Mr. Currie make this statement? If he is guided by the same genius that assured him of the optional nature of Section 4 (*b*) of the 1908 Act, we shall doubtless soon be awakened to the fact that the Privy Council is not at all prepared to accept such limitations. This monstrous by-law is the embodiment of injustice to practically all concerned. The public should have the protection that the Pharmaceutical Society was chartered to afford them from incompetent imposition. The pharmacist should have secured to him the rights and privileges which his industry and application have gained; and unqualified assistants who have served regular apprenticeships should not be superseded by a body of men who, generally speaking, are not their peers in pharmacy and cognate matters, and very often are their inferiors in general education. It is not even just to apothecaries' assistants who have passed their examinations subsequently to 1906, which year witnessed the commencement of a gradual increase in the stringency of requirements, which are—Heaven knows!—trivial enough even now. Having had their mandate from the apothecaries' assistants with such apparent success, I think that it is now time for members of the Society to raise their voices at the general meeting to demand that no further action be taken in the matter. I should like to see the Secretary of every live Association in the country obtain the signature of every pharmacist (actual and potential) to a memorandum calling upon the Council to defy, if necessary, the Privy Council in this matter, if they are so blind to the public needs as to request such an iniquitous measure. . . . If this injustice is perpetrated, I fear that Mr. White, who appears to be chief apologist for this legislative freak, will find it difficult for pharmacists to summon up enough vertebral activity to become erect again after "bending their backs" during this latest exhibition of passivity. I trust that the voices of the stalwart trio who opposed this motion in the Council Chamber will again be heard in this matter, and be supported unanimously by the rank and file, who should at once show their hostility to this new danger.

Yours faithfully,

Brighton. Richard R. E. Perkins, M.P.S.

Drug-trade Union.

Sir,—The few truths which I contributed (*C. & D.*, May 10, p. 70) with regard to the uselessness of the proposed National Association of Assistants, originated in Manchester, have apparently fallen upon deaf ears, at any rate so far as the leaders of the Manchester Chemists' Assistants' Association are concerned. They still maintain their assertion that an association of assistants will be recognised by the Government, and do not hesitate to contradict The Chemist and Druggist and the Ministry of Labour when these plainly state that none but trade unions will be recognised. All this bears out what I said regarding the leaders of this movement, and if I had no object in view but their conversion, then my time would indeed be wasted, and I should perish through weariness. As these gentlemen are usually led by the nose by the Pharmaceutical Society the following would no doubt be like a bombshell to them. Sir William Glyn-Jones, at a meeting in London (*C. & D.*, May 10, p. 50) said, "Speaking of the prejudices against trade unionism, chemists have been fools not to learn from the working men the value of co-operation. . . . I have been sent officially to encourage chemists' assistants to join a union." I consider it my duty to warn assistants at a distance from Manchester to beware of the leadership of the Manchester C.A.A. Assistants in Manchester need no such warning, for the fact that not 5 per cent. of them are members of the Manchester C.A.A. speaks for itself. If any further evidence were needed I think the following will supply it. About two months ago an important meeting of the Manchester C.A.A. was held, and postcards were sent out broadcast inviting assistants to the meeting. At the hour appointed the grand total of nine solemnly assembled, and these included the Chairman, speaker, audience, and the two watching delegates from the Employers' Association. Such is the estimate placed upon the Manchester C.A.A. by the assistants of Manchester. Mr. Livesey, instead of dealing with the points I advanced, introduces Red Cross work, National Health Insurance, the Chemists' Friendly Society; in fact, anything but the points under discussion. My description of the Manchester Pharmaceutical Association as the Chemist Employers' Association was not due to ignorance, as Mr. Livesey assumes, but was intentional. On his own figures it represents 90 per cent. of the employers, and therefore my name for it is the correct one. Mr. Livesey and his colleagues will be rudely awakened some day to the fact that it is the employers' section of any Trade Board or Council which may be set up. Furthermore, the Manchester C.A.A. is under the ægis of the Pharmaceutical Association, who originated it, and tried to shepherd the assistants into it to prevent them becoming a power in the Employers' Association. I am not speaking of what I do not know, for I was present at

the meeting when this was done; many years ago it is now. I also question very much whether an assistant is eligible at the present moment for election on the Employers' Association. In any case, it is an absurd position for anyone to be in to be a member of an employers' and assistants' association at the same time. And this is the position which Mr. Livesey admits himself and three of his Committee to be in. Just try to imagine Mr. Smillie, of the Miners' Federation, being a member of an association of coal-owners, comprising the dukes and lords who own the mines, and yet claiming to lead the men at one and the same time, and then we have a faint idea of the impossible task which Mr. Livesey and his colleagues are undertaking. Fortunately we are not all the child-like innocents that Mr. Livesey thinks we are, and remember the old proverb, "'Just walk into my parlour,' said the spider to the fly." I think I have said enough to convince any fair-minded man of the utter uselessness of any proposals emanating from such a source. Mr. Livesey's letter is a mass of contradictions, for in one part he says that the assistants are in no way connected with the Employers' Association and in the next breath informs us that three of his Committee are members of the Employers' Association. I reiterate the message of Sir William Glyn-Jones to the assistants of Great Britain, and exhort them not to be fooled, but join a trade union at once. Yours, etc.,

MANCHESTER. (16/5.)

SIR,—The editorial article in the *C. & D.*, May 17, p. 58, on the Trade Board problem certainly clears up to a large extent the point raised in my letter (*C. & D.*, May 17, p. 70), as there are very few businesses in which the qualified assistant does not take his turn at the counter, and even if he did so only at meal-times and for relief duty it would bring him under such a narrow definition as seems to be intended. In this case the only ones excluded would be the qualified dispensers in large stores where the dispensing department is distinctly separated from the retail counter. Doctors' dispensers, whether qualified or not, will presumably not be included as not being engaged in trade, and if there is any regulation for shorter hours for chemists it may still further throw the dispensing into the doctors' hands. Yours faithfully,

QUALIFIED SENIOR (150/39.)

SIR,—Representatives of various trade unions have repeatedly claimed the authority of the Ministry of Labour for the statement that such an organisation as the National Association of Chemists' Assistants would not be recognised in the formation of an Industrial Council. The following letter finally disposes of that statement:

Ministry of Labour,
Montagu House,
Whitehall, London, S.W.,
May 14, 1919.

GENTLEMEN,—I am directed by the Minister of Labour to refer to your letter of the 23rd April, regarding the question of representation upon Joint Industrial Councils, and, in reply, to refer you to the answer given by the Whitley Committee to Question 3 in the Appendix to their first Report on page 18 of Industrial Reports, No. 1, enclosed herewith.

In carrying out the work of setting up Joint Industrial Councils with which he has been entrusted by the Government, I am to say that the Minister of Labour has given no ruling upon the question at issue, but has followed the policy of allowing the industry concerned to settle, according to its circumstances, the precise interpretation to be placed upon the recommendations of the Whitley Committee, and to determine the allocation of seats upon a Council as between the various Associations claiming to be represented, always provided that the Council, when formed, must be broadly representative of the industry as a whole before it can be accorded recognition, on behalf of the Government, as the joint body entitled to speak in future on behalf of the industry.

I am, gentlemen,
Your obedient servant,
(Signed) H. B. BAKER.

Legally defined, our Association is an unregistered trade union, and the above letter not only makes it clear that the Minister of Labour leaves the question of representation to the industry itself, but also shows that an Industrial Council which did not give representation to any representative body of employés would thereby weaken its own chances of securing recognition by the Government.

Yours faithfully,
G. S. T. LIVESEY,
D. N. FULLERTON,
19 Pembroke Grove, C.-on-M., Manchester.

SIR,—On May 15 I and many other non-proprietor pharmacists and chemists' assistants attended a meeting in Birmingham of assistants called by the Pharmaceutical Society. Sir William Glyn-Jones, in the course of his speech, stated that "we ought to be grateful to our masters" for giving us the opportunity to obtain his advice and such direction as he was able to give, bound as he was by his pledges to the Society and other persons interested. Resentment was shown at this statement on the grounds that the meeting was called by the Pharmaceutical Society, of which a large number present were members, Sir William thereupon retorted that the Pharmaceutical Society represented "our masters," but if we objected to that word he would substitute the word "employers." If this is the case, the Pharmaceutical Society confesses that it does not represent pharmacy as a whole. Questions asked at the close of the address tended to show—

(1) That the Pharmaceutical Society will not give the assistants the same backing as they have already given the employers.

(2) That while a Trade Board might not be in the best interests of the assistants, it would be equally detrimental to the employers. Therefore the employers desire the assistants represented on the Industrial Council, but if the assistants are not united enough and properly represented a powerful employers' association might easily override a weak amalgamation of employés' associations.

It is, therefore, a moot point which would turn out the best course to pursue unless the assistants and non-proprietor pharmacists wake up and join an association at once and make the total representation of their associations powerful enough to meet the employers on equal terms. Sir William Glyn-Jones made it quite clear that it is not of much consequence which association or union an assistant joins; the thing is to join something, and at once.—Yours, etc.,

Harborne, Birmingham. J. M. JOHNSON.

The Cost of Dispensing.

SIR,—Adverting to "Xrayser II.'s" comments on Mr. C. T. Allen's excellent paper on "The cost of dispensing," I am surprised that he should say that the system in vogue fifty years ago is preferable to that advocated by Mr. Allen. The ancient method of charging for prescriptions according to the size of the bottle and the size of the dose, irrespective of content, is not only unbusinesslike, but unfair to the patient, who of course must get some consideration. I have found a compromise between the flat rate of "Xrayser II." and the scientific method recommended by Mr. Allen the most satisfactory, although recently I agreed to the scheme of the North Irish Pharmacists' Association (for the sake of uniformity) until something better is produced. Truly yours,

Belfast. SAMUEL HOGG, Ph.C.

SIR,—Judging from your correspondence columns, it would appear that Mr. C. T. Allen's paper on dispensing prices is a novelty to many chemists. Such a system was in use over twenty years ago in the company I was then with—Day's Southern Drug Co., Ltd.—and I only destroyed a copy of their "Tariff of Prices for Dispensing" some six months ago. I must have priced some thousands of scripts by its use during the seven years I was employed there. I recollect the minimum was ½*d.*, not 1*d.*, for each ingredient in a mixture, and, if memory serves aright, 9*d.* a fixed minimum for a 6-oz. bottle of medicine. At any rate, we charged pills at 5*d.* per dozen, 9*d.* for twenty-four, coating extra. It has always struck me as the fairest and most honest way, both to the chemist and the public, to charge by such a system instead of the antiquated "doses" method.

Yours faithfully,
CORYLUS MELLIFICA. (161/48.)

Dental Society of Ireland.

SIR,—Supplementing my remarks on "Xrayser II.'s" criticism of the resolution passed at the special meeting of the Dental Society of Ireland, I would point out that the success of anything depends entirely on whether or not it produces the result required. Now I claim that it has done so, as I have received several letters from leading members of the Chemists' Dental Society and others asking whether our Society is working in conjunction with theirs in opposing the unjust findings of the Dentists Act Committee. The resolution has therefore produced the result required. . . . The Dental Society of Ireland has determined to join hands with the English Society in opposing any attempt at curtailing its members in their business, as is contemplated by the recommendations of the Dentists Act Committee, which would be a gross injustice, being not according to custom. . . .

Yours sincerely,
Belfast. JAMES D. CARSE.

Legal Queries.

Argent (131/63) asks what is the difference between "gross" and "net" personalty in relation to the estates of deceased persons. [The amount shown as "gross" personalty represents the whole of the deceased's property other than real estate, whereas in the case of "net" personalty the amount of the debts and funeral expenses has been deducted.]

A. W. & Co. (133/4).—Head and Nerve Powder is not a dutiable title under the Medicine Stamp Acts. The use of the expression "safe and *sure*" implies that the powder is a sure cure for some ailment, and this would probably be construed into a liability to medicine-stamp duty. If you claim any trade-mark rights in the "Blue Cross," and apply it to this article alone, liability is also incurred.

M. P. S. I. (151/62) and *McB. & Co.* (151/63).—The by-law to be made under Section 4 (*b*) of the Poisons and Pharmacy Act, 1908, refers to apothecaries' assistants who are qualified under the Apothecaries Act, 1815. It has nothing to do with apothecaries' assistants who have obtained the certificate of the Apothecaries' Hall, Dublin, nor with reciprocal relations between Great Britain and Ireland.

License (159/9).—Licensed Valuer.—An appraiser's and house agent's licence costs 2*l.* from the local Excise office, and is available in the United Kingdom. The licence expires on July 5 of each year, and is not issued for parts of a year. A penalty of 50*l.* is imposed upon any person who acts as an appraiser without a licence, but a person not following the business of an appraiser who in a single instance makes a valuation for the guidance and information of the person employing him, is not required to take out a licence. The auctioneer's licence, which costs 10*l.*, includes the appraiser's and house agent's licence.

R. F. (141/31).—Sale of Carbolic Preparations.—If the preparation referred to contains less than 3 per cent. of carbolic acid it comes within the restrictions as to labelling, etc., mentioned in Section 5 of the Poisons and Pharmacy Act, 1908. Of this strength the preparation may be sold by other persons than registered chemists. If the preparation contains more than 3 per cent. of carbolic acid it may also be sold by persons who are not registered chemists if it is for use as sheep-wash or for any other purpose in connection with agriculture or horticulture, provided it is labelled with the word "Poisonous," the name and address of the seller, and a notice of the special purposes for which the preparation is intended. The other articles you mention have no restrictions upon their sale in preparations.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

P. A. G. (150/7).—We are not quite sure what you would call the "natural colour" of rhubarb jam. A bright red colour would best be given with cudbear, as this red is permanent with acids.

Alpha (115/47).—Cow Drench for Stomach Founder and Cudding.—The sample you send contains aromatic spirit of ammonia, some methylated spirit, and a small amount of vegetable extractive, which is probably ginger. There are no mineral constituents.

D. C. (123/72).—Rheumatic Oils.—This sample appears to consist of a solution of oleo-resin of capsicum in oil of turpentine, with a small proportion of methyl salicylate.

R. M. G. (143/73).—Liquid Dry Shampoo:

Strong solution of ammonia ...	25 oz.
Oil of bitter almonds	1½ oz.
Oil of lavender	1 oz.
Saponin	2 dr.
Extract of quassia	1 oz.
Industrial spirit to make ...	5 gals.

Permission must be obtained from the Board of Customs and Excise (Custom House, London, E.C.) before you can use industrial spirit for this purpose. When applying, the formula you propose to employ must be submitted.

A. L. H. (75/70).—We have no formula for non-alcoholic blood wine.

N. B. (151/47).—Moths in Upholstered Cars.—Fumigation with petrol is recommended for destroying moth larvæ. You could also apply petrol with a cloth and afterwards leave the car out in the open air to ensure the evaporation of the petrol. Precautions against fire should be taken.

K. P. H. G. (13/5).—Liquorice Cough-mixture "P.F. II. 222":

Succ. "solazzi"		℔iij. ʒxiv.
Gum. acaciæ		℔iij. ʒxiv.
Oxy. scillæ		℔vj.
Glycerini		℔ij.
Ol. anisi		ʒvj.
Spt. rectificat.		ʒxij.
Ext. glycyrrh. liq., Theriac, Chloroformi	aa.	ʒiij.
Æther.		ʒvj.
Vin. ipecac.		ʒxij.
Aquam ad		fl. lb. xlviij.

M.S.A.

Dose: For adults, from two teaspoonfuls to a small tablespoonful two, three, or four times a day, as required, and a teaspoonful at intervals during the night, if needed. For children under one year, ten to twenty drops; one to four years, twenty drops to a teaspoonful, increasing according to age.

F. S. (112/27).—Electricity in the Shop.—Some years ago we published estimates as to the cost of installing electricity where accumulators are employed. One estimate was 200*l.*, exclusive of the gas-engine. The upkeep of the accumulators was put down as 10*l.* per annum. The system is practicable, but very expensive when the capital cost and the labour required are taken into account.

B. & S. (112/60).—Mosquito-bites Liquid.—We published the following formula in the *C. & D.*, May 31, 1913, which we think is the one you are referring to:

Menthol	gr. xij.
Turpentine	ʒj.
Castor oil	ʒj.
Collodion	ʒij. ʒij.

Apply with a camel-hair brush.

J. S. S. (104/36).—The veterinary handbooks to which you refer are usually issued by the proprietors of veterinary remedies. We do not know of a suitable book of the kind you mention.

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Reprinted from "The Chemist and Druggist," May 15, 1869.

From an Australian Chemist.

"I wish to know if I am entitled to be registered as a 'chemist and druggist,' and will, as briefly as possible, state my case. In 1859, I commenced learning the business under my father's tuition, remained with him till 1860, came to London, and in July of that year passed the assistant's or dispenser's examination at the Apothecaries' Society, in my certificate of which the Court of Examiners—consisting of the following gentlemen, viz.: William Dickinson, W. P. Brodribb, Richard H. Robertson, Robert Norton, Richard King, J. Peregrine, Robert H. Semple, Wm. G. Thistleton Dyer, Charles Taylor, Thomas R. Wheeler, Henry Mortimer Rowden, John Randall, Alfred M. Randall—pronounced me duly qualified to 'compound and dispense medicines.' From that time until October, 1864, I was engaged as dispenser to several firms in the West-end of London, the last year under the worthy President of the Pharmaceutical Society—G. W. Sandford, Esq. I then came out here, and after managing a business for a few months, I eventually settled down as a 'chemist and druggist' in September, 1865. Now, after eleven years in the trade, three of which I have spent in business as a dispensing chemist on my own account, I find that unless a more liberal interpretation is put upon the Act than at present, should I return to Great Britain, I should be under the necessity of passing the Minor examination at the Pharmaceutical Society, and pay a fee of 5*l.* 5*s.* before being allowed the liberty of following the business which I am now doing, and which I should have been allowed to do *if I had only stayed in England.* This last is the sole reason why I am excluded, and I think you would be doing an act of justice to many members of the trade if you would assist me in showing up the inconsistency of the Act in this particular."

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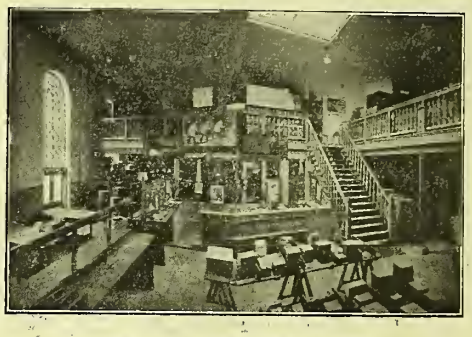

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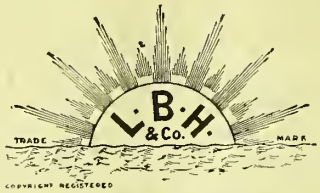

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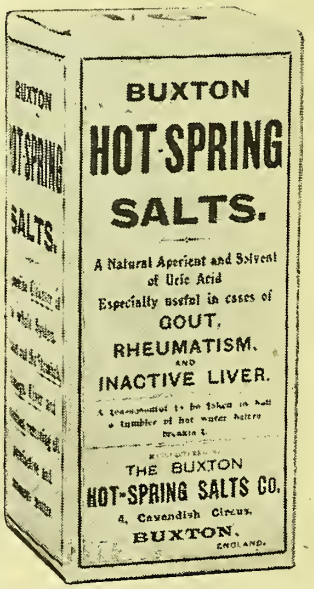

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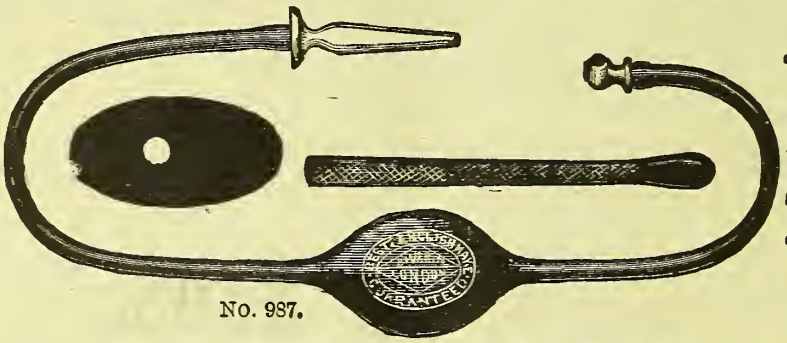

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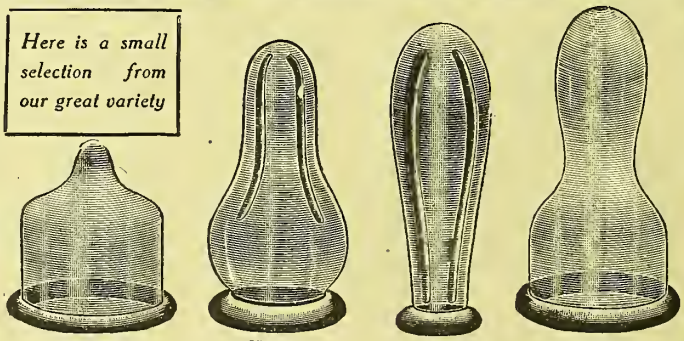

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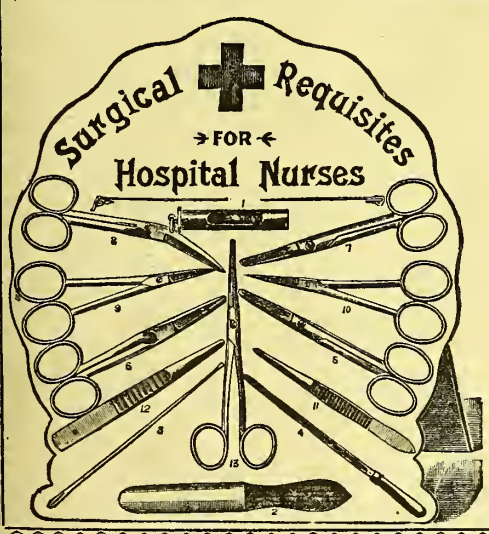

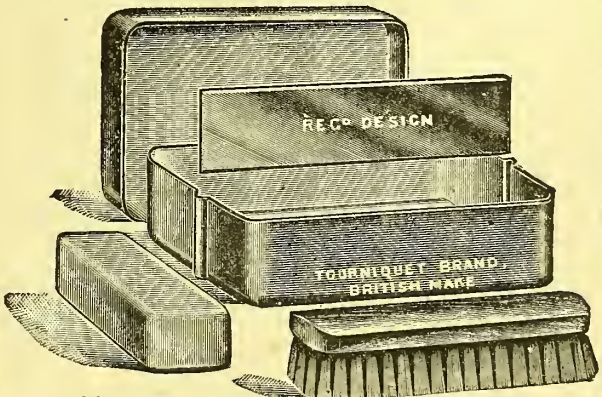

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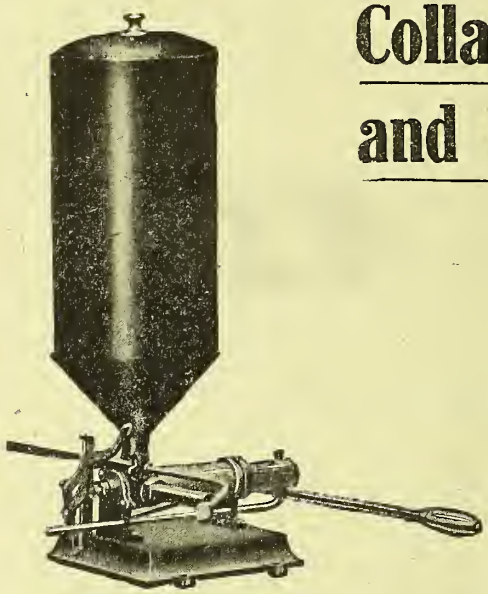

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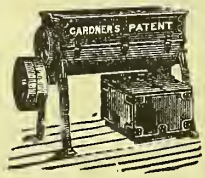

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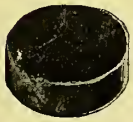

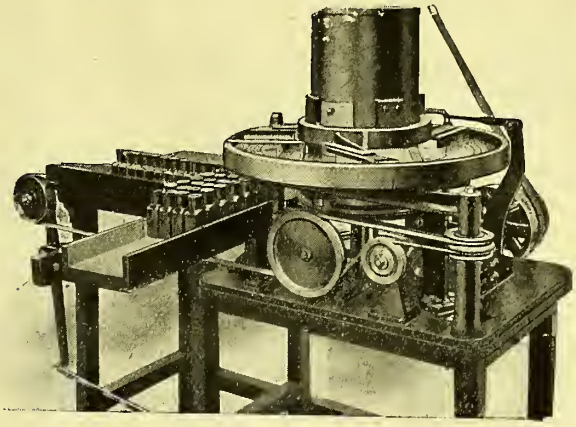

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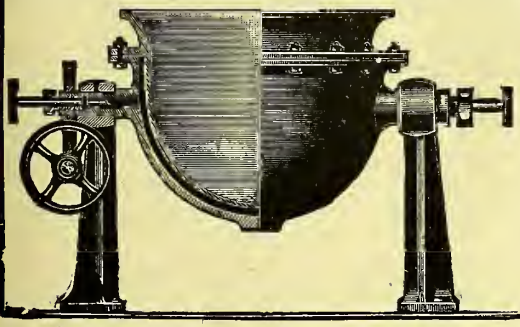

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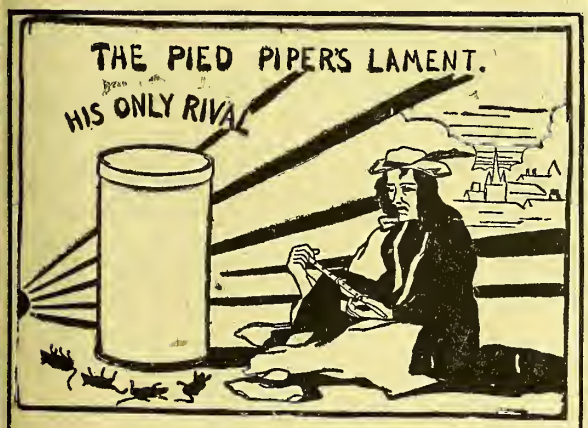

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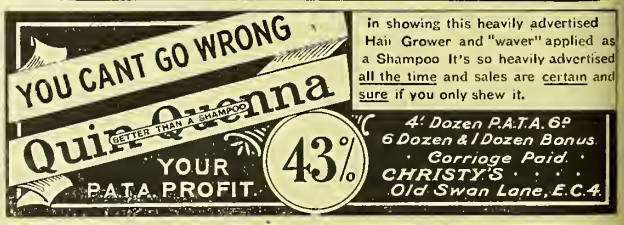

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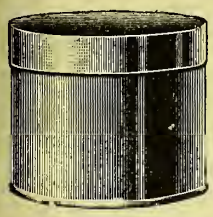

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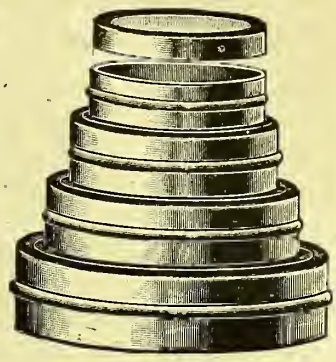

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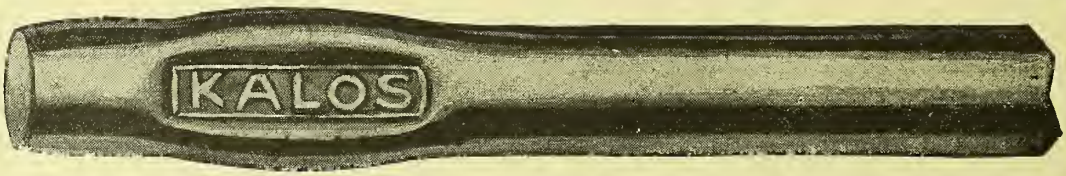

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Chocoloids are supplied to the retailer in two sizes—at 12/- and 24/- per dozen. With each dozen small size is given FREE two small tins, and with each half-dozen large size one large tin. Retail price 1/3 and 2/6 respectively.

Chocoloids Advertising is National.

Daily and weekly newspapers, weekly and monthly periodicals all carry Chocoloids advertising to the extent of over ten million copies per month. Chocoloids are already sold when you exhibit our showcard.

Send an order to-day. Show material supplied free.

The Chocoloid Co.,
Stirchley Laboratories - Birmingham.
A1

LIQ. SANTAL FLAV. c. BUCHU et CUBEBA

(Hewlett's)

Packed for dispensing only, in 10, 22, 40 & 90 oz. bottles.

"Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

The Practitioner.

VIROPHOS

TRADE MARK

Of proved utility in Nervous Diseases, and a powerful Restorative for the Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value enhanced by the presence of assimilable phosphates."—*The Lancet.*

WHOLESALE PRICES.

No. 1.	1½ oz. Tin ..	9/-	per doz.
„ 2.	3¼ „ „ ...	14/6	„
„ 3.	6½ „ „ ...	24/-	„
„ 4.	12 „ „ ...	42/-	„

MIST. PEPSINÆ CO. c. BISMUTHO

(Hewlett's)

Packed for dispensing only, in 10, 22, 40 and 90 oz. bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

British Medical Journal.

Introduced and Prepared only by C. J. HEWLETT & SON, Ltd., Wholesale Druggists, 35–42 Charlotte St., London, E.C. 2.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK

"FRAME FOOD"

ON P.A.T.A. LIST. *SHOWCARDS FREE.*

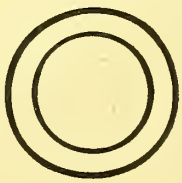
FRAME FOOD CO., Standen Road, Southfields, London.

BRAND'S ESSENCES OF BEEF, MUTTON and CHICKEN

possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

BRAND & Co., Ltd., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.

WAXED WOOD PULP DISCS AND RINGS



FOR ALL CAPS AND LIDS.

Impervious to moisture. Better, cheaper and cleaner than cork or rubber for sealing Pomades, Malt Extracts, etc. etc. Supplied in any size, shape or thickness. IMMEDIATE DELIVERY.

WRITE OR PHONE for FREE SAMPLES | **DAIRY SUNDRIES, LIMITED,** Imperial Works, Knotts Green, Leyton, LONDON, E. 10. | *Managing Director—* F. WALENN. Phone: Walthamstow 188.

WINOX Wine Food

is a high-class Pharmaceutical Wine, containing all the food elements of Meat, Malt and Unfermented Grape Juice.

Unsurpassable for Influenza; invaluable for Anæmia, Lassitude, Neuralgia, Nerve and kindred troubles.

Winox will stand any climate, and contains no harmful drugs.

Price 5/6 per bottle retail. Chemists who do not already stock Winox should apply for price to WINOX LTD., Richmond, Surrey.

"GLACIALINE"

The Original and Most Effective Food Preservative

The only Food Preservative that has ever been publicly awarded Gold and Silver Medals and Certificates of Merit for Purity and Harmlessness.

TRADE MARK

By Royal — ANTITROPIC & TRADE GLACIALINE MARK — EST^D A.D. 1876 — Letters Patent

WASTE·NOT·WANT·NOT

REGISTERED.

Full directions for use enclosed in every package.
Packed in 6d. and 2/- Packets and 2/3 Canisters.
FAVOURABLE TRADE TERMS UPON APPLICATION TO THE

Sole Proprietors and Manufacturers:

BURTON, BAKER & CO.
16 EASTCHEAP, E.C. 3.

SAPONINE

(SOLUBLE),
MANUFACTURED BY

C. W. FIELD, LTD.,

Cambrian Mills, LIVERPOOL.

Special Terms to Wholesalers and large Consumers.

Pyramid Corks

PYRAMID TRADE MARK

Named after the ancient pyramids because of their dependable qualities, and if you look for the trade mark and see always that you get "Pyramid" Corks, your troubles are abolished. *Get some to-day.*

N. W. Mitchell & Sons, Ltd.
The Cork Firm, Limehouse, London, E14

The BRADFORD WOOL EXTRACTING Co. Ltd.

are ***ACTUAL MANUFACTURERS*** *of*

PHENACETIN — THE BECOL BRAND — SALICYLIC ACID

Telephone No. 2638 | PIT LANE MILLS, BRADFORD. | Teleg. "Production."

RAYOLENE BLACK JAPAN.

The best preparation for Fire Ranges, Cycles, Mail Carts, Gas Stoves, &c. Exactly the same quality as supplied to Coach and Carriage Painters. A splendid selling line, and far superior to methylated spirit preparations.

	9d Tins.	½-Pints.	Pints	
Retail Prices	**9d.**	**1/6**	**2/9**	
Wholesale	**6/6**	**12/6**	**22/-**	per dozen.

RAYOLENE OIL VARNISH STAINS.

Much easier to apply than quick drying spirit varnishes. Dries hard in about 8 hours, with a brilliant and durable lustre. Made in three popular shades—oak, walnut and mahogany.

	9d. Tins.	½-Pints.	Pints.	
Retail Prices	**9d.**	**1/6**	**2/9**	
Wholesale	**6 6**	**12/6**	**22/-**	per dozen.

SPECIAL OFFER.—One box, containing 4 dozen 9d. tins and 2 dozen 1/6 tins, your selection, will be sent, carriage paid, box free, for **48/-** net. 3 boxes less 5% discount.

Write for Complete Price List.

TEXALO MANUFACTURING CO.,
Paint & Varnish Manufacturers,
South Shore, BLACKPOOL, Lancs.

"CASSO"

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"CITO"

CLEANS IMMEDIATELY, with little exertion, Baths, Paint work of all descriptions, Brass, Silver, Tiles, Marble, Mortars and Pestles.

Samples Free.

CASSON'S COLD CREAM

DELICATELY PERFUMED.
In Bulk, Pots or Tins.

CASSON CHEMICAL CO., LTD.
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Phones: PADDINGTON 321, 322 and 3518.

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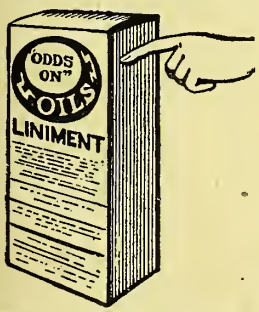

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Liniment for RHEUMATISM, SCIATICA, SPRAINS, &c.

WIDELY ADVERTISED. Retail Prices: 1/3 & 3/- bottles

Obtainable from all Distributing Chemists or direct.

The "ODDS ON" SPECIFICS CO., LD., 36-37 Cock Lane, LONDON, E.C.

C. MELIN & CO.

ESTABLISHED 1865

7 India Street, Crutched Friars, London, E.C.

supply GLASS AMPOULES, TUBES and LAMP BLOWN ARTICLES

OF EVERY DESCRIPTION. PROMPT DELIVERY.

DIRECT FROM THE WORKS. :: WHOLESALE & EXPORT.

CONCERNING YOUR PHOTOGRAPHIC DEPARTMENT

SOME RAJAR LABELS AND THE GUARANTEE.

A REGULAR ARMY of Camera users is clamouring for proved reliable materials wherewith to 'ride their hobby.' Surely it is worth your while to meet their requirements, as you can so easily, and so safely do, by stocking

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PAPERS & POSTCARDS.

Neatly packed and labelled—
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All these have a steady sale, and because they are also GUARANTEED you never need have a dissatisfied customer. Users in all parts of the Kingdom continually speak to the high-grade quality of our products.

We will be pleased to send you details of our Terms for Chemists.

RAJAR Limited,
Manufacturers of
FILMS, PLATES & PAPERS
10, MOBBERLEY in CHESHIRE

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MAY 24, 1919.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London." (Three words counted as two.)

EARLIER CLOSING FOR PRESS.

WILL intending Advertisers please note that until further notice all Advertisements for THE CHEMIST AND DRUGGIST SUPPLEMENT must be in the Publisher's hands not later than

FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to *post* all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—FINSBURY PARK (Near).—Brisk Retail Business; returns, resent rate, over £2,000 at good prices; well-appointed shop and mfortable residence; new lease; price £1,500, or valuation rms.

2.—LONDON, W.—Old-established Business; Retail and Dis-nsing; returns £1,500 at good prices; roomy shop with resi-nce; held on lease; price £850.

3.—LONDON, N.W.—Dispensing and Retail Business; vendor tiring; returns between £2,000 and £3,000; *net profit over* 00; well-appointed shop and large residence; new lease; price ,500, or valuation terms.

4.—London (Northern Suburb).—Good middle-class Business, iefly ready money; returns upwards of £2,000; attractive well-ted shop; capital residence; vendor's own property; price about ,000.

5.—LONDON, N.W. (Residential Suburb).—Well-established Busi-ss; held by vendor upwards of 25 years; returns, present rate, er £30 per week at fair prices; well-appointed shop, fitted in hogany; there is a comfortable residence; held on lease; near opposition; price £850.

6.—LONDON, W.—General Retail, with some Dispensing and nsiderable Photographic; no N.H.I.; returns show a steady in-ase, last year's turnover being between £1,350 and £1,400; oss profit 42½ per cent.; lock-up shop; no immediate opposition; od scope for increase; also Dentistry or Optics; terms, £100, l valuation of stock and fixtures.

7.—WEST END.—Old-established Business; Dispensing and tail; unique position; returns upwards of £2,500; profits good; ge residence with private entrance; price about £1,000.

8.—LINCS (Busy Market Town).—Mixed Business with good tical connection; returns last year £8,400; *average net profit for three years*, £1,147 yearly; commodious premises; vendor's own property; terms, valuation of stock and fixtures, plus premium for goodwill.

9.—HOME COUNTY.—Dispensing and Retail Business; corner position in main thoroughfare; returns exceed £3,000; *net profit between* £850 *and* £900; large shop and comfortable residence; price about £1,900.

10.—CHELTENHAM.—Good-class Business for disposal through death; returns between £1,200 and £1,300, with scope for exten-sion; well-fitted shop and large residence; rent £55; for an imme-diate sale, less than the value of stock and fixtures will be accepted.

11.—LANCASHIRE (Popular Health Resort).—Cash Retail Busi-ness; good position; returns £3,500; *net profit over* £900; the turnover might be materially increased under qualified manage-ment; further details on application.

12.—HOME COUNTY.—Unopposed Business, comprising good-class Family trade, with general country Retail; returns average £1,200 per annum; *net profit approximately* £300; comfortable residence; rent £40; held on lease; price £600.

13.—HERTS.—Good-class Retail and Dispensing Business; estab-lished 1854, and held by vendor upwards of twenty years; returns, under management, last year about £800; small residence; good garden; rent £40; no immediate opposition; price £300.

14.—MIDLANDS (Large Manufacturing Town).—Old-established Business; Retail and Wholesale in packed goods; gross receipts exceed £8,000, and during the past three years the average gross profit amounted to £2,031; the premises are held on long lease at a rental of £60; price about £3,000; a banker's reference will facilitate business.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasise the necessity of a Periodical Statement of Account, by which means alone **Profit**, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—EAST COAST.—Good-class Retail, Dispensing and Photographic, in select seaside resort; returns nearly £1,400; *increasing net profit* £422; pre-war returns £1,800; good house and Pharmacy; price £100 and valuation; in all about £850; personally recommended.

2.—BIRMINGHAM.—Working-class Cash Retail; returns average £40 weekly; good profits; plenty of scope; low rent; price for quick sale only £500 cash.

3.—WESTERN COUNTY (Inland Health Resort).—First-class Dispensing and Light Retail for Sale through death; returns about £1,250; has done much more and can again; good residence; low rent; handsome Pharmacy, heavily stocked; price £950.

4.—SOUTH MIDLANDS.—Unopposed village Business; returns £800; *net profit about* £250; comfortable house; low rent; well stocked; splendid chance for smart man; price only £250.

5.—LONDON, S.E.—Sound Cash Retail and Prescribing, with N.H.I., in working-class district; returns under Manager £2,000; *net profit* £600; eight-roomed house; low rent; well stocked; price for quick sale £600 cash.

6.—SOUTH LONDON (Close to City).—Brisk Cash Business for Disposal; returns nearly £40 a week; good profits; splendid corner position in busy main road; fully stocked; good modern premises; price £300, and stock at valuation.

7.—LONDON (Western Suburb).—Light Retail Dispensing and Photographic Business; returns over £1,350; *net profit, about* £500; large handsomely fitted shop, fully stocked; price £800, or £100 and valuation; trial can be had.

8.—LONDON, N.—Light Family Retail and Dispensing, with good Optical connection; returns £1,400, increasing; *net profit about* £400; well fitted and stocked; small house; price £750, or near offer; recommended.

9.—LONDON, E.—Old-established Light Retail, with little Dentistry; same hands many years; retiring; returns £1,050; full prices; *net profit* £500; low rent; no immediate opposition; price £700 or offer.

BUSINESSES WANTED.

We are in immediate want of sound concerns, returning up to £3,000, in town or country, especially South Coast, Midlands, and North; cash buyers waiting. Intending vendors are cordially invited to correspond. Terms sent on application. Established 1870.

BUSINESSES WANTED.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond prepaid.

MANCHESTER.—A thoroughly genuine Business wanted, with good turnover; cash waiting; state fullest particulars in first letter; strictly confidential. Apply "Majax" (169/19), Office of this Paper.

COUNTRY Business wanted; good house, with scope for Dentistry absolutely essential; small unopposed one-man business preferred; could enter within three months, or wait longer if required to wait vendor's convenience; would consider part exchange. Morgan, Chemist, Kimbolton, Hunts.

DRUG Store or Chemist's Business; Liverpool or districts; one run down not objected to if position right. Particulars in confidence to "G. B." (165/8), Office of this Paper.

MEDICAL Opening wanted by non-Dispensing, experienced, London; M.B., B.S. honours, Square medallist; confidential reply. Apply 165/28, Office of this Paper.

PATENT MEDICINE BUSINESS.—Advertiser wishes to purchase for cash an established Business; must be well known and open to every investigation; a neglected business would not be objected to. Apply 141/31, Office of this Paper.

PHARMACIST wishes to purchase a sound Business in the Birmingham district, with a turnover of £1,500 to £2,000. Send particulars, in strict confidence, to "Black Country" (170/40), Office of this Paper.

SOUND Business wanted in Midlands or North-West, showing £450-£500 net profit; seaside or healthy suburb or small town preferred but not essential; living accommodation necessary. Full particulars in strict confidence to "Lancashire" (167/34), Office of this Paper.

BRETT & CO.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

BUSINESSES OF ALL KINDS WANTED.

FOR SALE.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

A CABINET of 8 drawers, containing nearly 400 Spectacles and Eye Glasses of best quality. Apply 151/22, Office of this Paper.

ADALIN Tablets, 2 × 25, 5 grs.; Amphotropin, ½ oz.; Citrophen, ½ oz.; Cryogenine, 10 grs.; Tabs., 2 × 10, 7½ grs.; Ferratin Arsenatabrium Tabs., 50; Hexalet Tabs., 7½ grs., 4 × 20's; Hexalet Powder, 2 × 1 oz.; Hypophysm, 5 ampoules 1 c.c.; Iodopin, 5%, 3 × 100 grms., 1 × 1.00 gr. 10%; Istin Tablets, 6 × 30, 5 gr.; Iethion, 3 × 1 oz., 3 × ½ oz.; Kepbaldol Tabs., 2 × 20's; Kryfine, ½ oz.; Pegium, 50 grms.; Sajodin, ½ oz.; Sajodin Tabs., 3 × 10; Ulmarene, 30 grms. Apply 168/17, Office of this Paper.

ANTI-TETANIC Serum, Pasteur Institute, Paris, 56 doses, for sale; offers wanted. Apply "L." (159/22), Office of this Paper.

BARGAINS in imported bone Tooth Brushes, about 30 gross in all, at 6*s.*, 7*s.*, 8*s.*, 10*s.* 6*d.* per dozen; all full size 4 rows; sample dozens sent; cash with order. Apply 171/6, Office of this Paper.

FOR Sale, 10 doz. Eno's Fruit Salt, wrappers slightly damaged, 19*s.* 6*d.* per doz.; 24 gross Sparklets Bulbs C, to clear, 12*s.* 6*d.* per gross. Apply 166/31, Office of this Paper.

FOR Sale, Permanganate of Potash; 40 lb.; price 5s. per lb. Apply "Potash" (164/7), Office of this Paper.

FOR Sale, Pill Machine, 5 gr., in excellent condition, 15*s.*; Suppository Mould, 2 doz., in excellent condition, 15*s.*; Carboy Stands (two), heavy iron, 33 inches high, 20*s.*; Weighing Machine, personal, "Sanger's," to 20 stones, 50*s.*; Dispensing Screen, 7 ft. 6 in. by 2 ft. (on stand 7 ft. 6 in. by 2 ft. 9 in.), beautifully written in colours and gold, 50*s.*; Calico Bandages, heavy, 3½ to 6 in., 4½ doz., 10*s.*; Coza Powders, Drink Cure, 8 × 10*s.* (1*s.* stamps), in perfect condition, 16*s.*; Galvanised Tanks, two fitted brass taps, one 50 gallons, other larger, pair, 80*s.* Apply 165/9, Wood Street, Walthamstow.

TO Schools of Pharmacy and Others.—A bargain, excellent Laboratory Furniture, Apparatus, and Glass for Sale; all pre-war material, comprising 1 Chemical Bench, teak top, for 12 students, 1 Demonstration Bench, 1 Physics Table, pine top, 1 Fume Cupboard, 1 Acid Table, 3 pitch-pine Balance Tables, and quantities of smaller stuff. Particulars Hunter, Houghton Road, Newbottle, Fence Houses.

40 OUNCE New Powder Shop Rounds, about 2 gross; what offers? Nichols & Co., 203 Chapel Street, Salford.

4 1-lb. tins Fuchsine Cosmos (Badische-Anilin und Soda-Fabrik.). Reply to "L." (161/39), Office of this Paper.

APPRENTICESHIPS.

WELL-EDUCATED youth, age 18 (Chemist's nephew), wishes to be apprenticed to a good-class business where a sound Pharmaceutical training can be obtained: South of England. Please state full particulars and terms offered to 170/1, Office of this Paper.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

CHELTENHAM.—For Disposal, Light Retail, Dispensing, and Photographic Business; good Proprietary Preparations; well-stocked shop, on lease, with excellent house, bathroom, private entrance; good position; main thoroughfare; owner retiring after being in business over 40 years; capital required about £800. Apply Arthur Hill, Chemist and Dentist, 98 High Street, Cheltenham.

CHESHIRE.—Established 50 years; takings last year £3,400; entirely cash; lease; modern shop; price £1,800; banker's reference. Apply 164/38, Office of this Paper.

HAMPSHIRE.—Old-established Cash Business, good rising town; in hands of vendor past 25 years; now retiring owing to old age; returns over £1,000 per annum, which might be doubled by energetic man; price goodwill, stock, and fixtures, £500; moderate rent or vendor will sell premises. E. A. Scammell, Estate Agent, Eastleigh, Hants.

HOVE.—In select residential neighbourhood, a small neglected Business; returns at present averaging about £750 yearly, under energetic and capable management, capable of doing double more; convenient modern residence; four bed, two reception, bath (h. and c.), usual offices, small garden, side entrance, fitted electric and gas throughout; rent £50; 7, 14, or 21 years' lease; price £325 cash, or £200 cash, and £2 weekly for eighteen months. Do not write for particulars; come and inspect and purchase. Auband, 23 Duke Street, Brighton.

LONDON suburb, 14 miles from London Bridge; returns for past 12 months £1,000, without side lines or specialities; good profits; cash retail; scope for increase; rent £45, with house, with option for seven or 14 years; corner shop; mahogany fittings; owner buying a larger business; cash offers only. Apply 167/23, Office of this Paper.

LONDON, E.—Genuine Retail, with small Dental connection. In same hands 42 years; quite unopposed; corner shop near railway station; owner retiring; low rent; every investigation courted; price £800, or offer. Apply Dens, 586 Old Ford Road, Bow, E.

MANCHESTER.—For Sale, large double-fronted Shop; main road; Mixed Retail, Prescribing, and N.H.I.; profitable; rents few; genuine buyers only. Apply 171/16, Office of this Paper.

MIDLANDS.—Unopposed entirely for ten miles round; through illness, a first-class Mixed Business; population of district 500, rapidly increasing; comfortable house; healthy district; all fitted and well-stocked shop; rent £22; no cutting prices; profit £6 a week on £15 turnover; owner retiring; price £250, best offer. Apply "Alpha" (170/16), Office of this Paper.

SOUTH YORKSHIRE.—Well-established Business and Branch for sale; monopoly of middle and working-class district; returns both shops for year ending May 1919, £4,000 at good prices; all fitted and stocked; very little heavy trade; price for both but £1,700; cash; owner leaving district. Apply "Key" (170/20), Office of this Paper.

ST. LEONARDS-ON-SEA.—Owing to death, delightfully situated Dispensing, Light Retail, and Photographic Business; no opposition; main thoroughfare. Apply H. E. Hulme, West Marina Pharmacy, St. Leonards-on-Sea.

SURREY village, old-established, unopposed; returns last year £1,600; purchases £1,150; large double-fronted shop; well stocked; price £770; house and garden attached; on lease; full particulars available. Apply 168/15, Office of this Paper.

AN old-established Drug Store, now managed by a widow; in qualified hands receipts could be trebled; near City; working-class neighbourhood. Apply 168/26, Office of this Paper.

CHEMIST'S and Stationer's Business for immediate disposal owing to death of proprietor; established 1834; please send up for particulars; inspection invited. Mrs. Trewecks, Pembroke, Wales.

FOR disposal, good-class country Business, with Dispensing and small N.H.I.; long established; returns £2,500; good profits. Apply "Pharmacist," c/o Maw, Son & Son, Ltd., London.

OLD-ESTABLISHED Family Retail and Prescribing Business for disposal; splendid Photo trade can be done; N.H.I.; in same hands over 50 years; death cause of sale; returns average past three years £1,190; leasehold premises; very profitable and easily worked business; seaport town, South Hants. Apply 170/35, Office of this Paper.

RETURNS £1,500; very profitable; lock-up shop and parlour; Central London; unlimited scope for increase; through exceptional circumstances can be had; a bargain. Apply 169/22, Office of this Paper.

TO be disposed of, a good-class Dispensing Business; suburb of Manchester (southern district), main road; district developing rapidly; Wine Licence attached. Apply 167/29, Office of this Paper.

AGENCIES.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ASIA MINOR was overflooded by German Chemicals and Proprietaries in pre-war times; now that the German octopus is dead, it is the proper time to introduce British goods; a well-established firm at Smyrna desires to Represent Manufacturers of Proprietaries, Pharmaceutical Preparations, and Chemical Products for all industries. Apply 148/26, Office of this Paper.

BELFAST and N.E. IRELAND.—Representative having a large connection with both Wholesale and Retail Chemists and Druggists in this area desires Agencies on commission. Apply 162/18, Office of this Paper.

NEW ZEALAND.—Advertiser, who has just arrived from New Zealand, wishes to meet Manufacturers of Drugs, Sundries, Perfumery, Brushware, and Patent Medicines, who desire to extend their export business in that country; highest credentials, N.Z. Board of Trade, etc. Reply "Qualified" (149/16), Office of this Paper.

POLAND AND SOUTH RUSSIA.—A French gentleman having been established 20 years in Petrograd for the sale of Patent Medicines and Wholesale Drugs, well-known by all Doctors and Wholesale houses, wishing to undertake a journey to Poland, Crimea, Caucasus, etc., desires Representation of first-class British firms. Pommier, 2 rue des Rosiers, Paris.

PORTUGAL.—Well-established firm at Lisbon with very good connection among dealers in Chemicals and Drug products desires to represent first-class houses manufacturing Ink Powders, Chemical Colours, and Chemical Products generally, for all industries; successful results guaranteed; good references. Address 17/15, Office of this Paper.

ADVERTISER with intimate knowledge of Perfumery and allied trades desires Agency for leading British or French Perfumery house or proprietary lines; London office, showrooms, telephone, clerical and travelling staff; valuable connection among leading Stores, Chemists, etc., in London, Home Counties, North and West of England; 2,000 live customers on books; interview by appointment. Write 162/3, Office of this Paper.

AGENTS required to sell to Chemists and Druggists Tooth-brushes; good quality and cheap prices. Apply, stating district covered, references, and commission required, to 167/1, Office of this Paper.

AN AUSTRALIAN OFFICER, who is a qualified Chemist, wishes to get into touch with Chemical, Drug, or other Manufacturers who desire to do or extend business in Australia. "Major" (133/33), Office of this Paper.

CHEMISTS.—Wanted as Agents, all parts country, to stock and push the sale of "Entermit" for parasitic mange in horses; cures absolutely and quickly; failure impossible; also "Energee" for horses, Sheep Dips, etc., and other valuable specialities for horses and stock owners; generous terms. Apply Lubricum, Ltd., Reading.

CHEMISTS.—Wanted as Agents, all parts of country, to stock and push the sale of highest quality Disinfectants, special anti-influenza and contagion-destroying Spray for cinemas, theatres, factories, etc.; "Clensit" for destroying filth and grease; generous terms. Apply Lubricum, Ltd., Reading.

DO you want West Indian trade? We can market your products; our Travellers are continually in touch with both the Wholesale and Retail trade; we handle all kinds of goods; if you want results get in touch with us. Anglo-West India Agency, Manufacturers' Representatives, Barbados, W.I.

GENTLEMAN with 20 years' connection amongst leading Chemists in Lancashire and Yorkshire desires one or two select Agencies. Apply 167/33, Office of this Paper.

MANUFACTURERS desirous of extending their Australasian trade in fine Chemicals, Drugs, Proprietary Medicines, Toilet Soaps, Flavouring Essences (natural and synthetic), are invited to communicate with an important and old-established company having its own houses in all principal Australian cities. Apply 132/9, Office of this Paper.

REPRESENTATIVE wanted by old-established East Anglian Firm to carry a few good selling Lines; liberal commission; state ground covered. 137/26, Office of this Paper.

SOLE Agencies of reliable Manufacturers of Chemicals, Drugs, Patent Medicine, Perfumery and Toilet requisites are taken up on best terms for British India; proposals with particulars and samples immediately required. The International Commercial Agency, Limited, 147 Abdul Rehman Street, Bombay (established 1910; best references).

TO Manufacturers of Toilet Preparations.—A gentleman with a large connection and owning a patented leading line, is open to offer from firm for business arrangement. Russell, "Greenlands," Greenlands Road, Staines, Middlesex.

TO Exporters and Manufacturers.—Firm, established in Barcelona, having very good Spanish commercial relations and able to give numerous bankers' and commercial guarantees, wishes to accept Agencies, Consignments, and act as Representatives for Colouring Matters and Pharmaceutical and Photographic Products. S. A. J. Cendra, Calle Bruch 164, Barcelona, Spain.

TWO young men, progressive, alive to the principle of service, and possessing a sound connection amongst Chemists and Drug Stores in the Northern Counties and Scotland, are contemplating opening a Depôt or Office in a Northern town about August or September; confidential inquiries are solicited from interested houses doing business in Dressings, Flycatchers, Sundries, etc., with a view to appointments as Resident Agents. Apply 164/3, Office of this Paper.

TENDERS.

THE Commissioners of Customs and Excise invite TENDERS for the PURCHASE of the following goods forfeited under the Customs Acts:—

A large and varied assortment of

DRUGS,
PATENT MEDICINES,
ESSENCES, and miscellaneous
PHARMACEUTICAL PRODUCTS.

The goods may be inspected between 10 a.m. and 4 p.m. on the 28th and 29th instant at the Inns of Court Hotel, High Holborn, W.C. 1.

Forms of Tender may be obtained at the time and place of inspection, or on application at Room 38, Custom House, Lower Thames Street, E.C. 3.

Tenders on the approved form, addressed "The Secretary, Room 84, Custom House, E.C. 3," and marked "Tender No. 72," must be received by noon on the 4th June, 1919.

The Commissioners do not bind themselves to accept the highest or any tender.

THE Admiralty has for disposal 250 New Steel Barrels (capacity 100 gallons), fitted with Screw Bungs and heavy ends, lying at Uxbridge. Tender forms, due for return by the 27th May, can be obtained on application to the Director of Contracts (Sales Branch), Admiralty, Whitehall, S.W. 1, quoting Schedule 52.

TO LET.

SMALL Factory to Let, situated in Stratford, equipped with boiler, steam-jacketed pans, still, two extraction apparatus, four mixing machines, driven by electric power, etc.; or plant to be disposed of separately; no dealers to apply. Apply by letter, Box No. 240, c/o Street's, 8 Serle Street, W.C. 2

TO Let, Business Premises with house; London Road, St. Leonards-on-Sea; excellent position in main thoroughfare. For particulars apply Mrs. Angliss, 115 High Street, Rochester.

TO LET, a corner Shop, in splendid position; centre of a small N.E. Lancashire town, for Chemist, with Counters, Cases, Drawers, Scales, etc. Apply 171/13, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

RETAIL.

ANGLESEY (LLANGEFNI).—Manager for good Agricultural Business required at once; must be Welsh-speaking (no others need apply), qualified, and good Salesman. Apply, with full particulars, age, experience, salary required, and photo, to R. R. Jones, Pharmacist, Amlwch, N. Wales.

BIRMINGHAM.—Qualified Manager required for progressive Light Retail business, near the centre of the city; permanency; liberal interest in the profits offer. Apply 166/400, Office of this Paper.

BIRMINGHAM.—Qualified Assistant required for Mixed Retail, with Dispensing, N.H.I., Photography, etc. Apply, giving usual particulars and salary required, to James Cooper (Small Heath), Ltd., 366 Green Lane, Birmingham.

BLACKPOOL.—Junior Assistant, early in June. Apply, with references, salary required (outdoors), etc., to The Central Pharmacy, 38 Central Drive, Blackpool.

BROADSTAIRS.—Junior Assistant required in a good-class Retail and Dispensing business on the South-East Coast; must be a reliable Dispenser, and have some knowledge of the Amateur Photographic Department; if possible enclose photo, and state age and salary. Julian Horrell & Son, Chemists, Broadstairs.

BRISTOL.—Qualified (Minor) wanted for Cash Retail and N.H.I. Dispensing. Usual particulars to Haywards (Chemists), Ltd., 128 Church Road, Redfield, Bristol.

CHELMSFORD.—Assistant; unqualified; must be good Counterman and reliable Dispenser; easy hours; good wages; outdoors. Apply, giving full particulars as to age, experience, and salary required, to T. Bellamy, Pharmaceutical Chemist, Chelmsford.

DEVONSHIRE.—Qualified, good all-round Assistant wanted (at once); permanency; convenient house provided (not on premises) if required; please state in first letter fullest particulars of experience, references, age, height, photo, and salary required. Stephens & Graham, Ltd., Plympton, Devon.

GREENWICH.—Competent, qualified Assistant, with good all-round experience; good Counterman, and with Photographic knowledge; able to take control; good Dispenser; good and progressive salary to man with ability and energy. Apply, by letter, to J. Milner, 209 Trafalgar Road, Greenwich, S.E. 10.

HANTS.—Qualified Branch Manager; market town, Fareham; Prescribing, Photography, some Optics and Dentistry useful, not essential; good-class shop and business; large modern house; electric light; salary plus good commission, thus deriving benefit of energy and successful management. State full particulars, experience, age, salary, photo, references, married, when at liberty. Foster, "Ivydale," London Road, Portsmouth.

KINGSTON-ON-THAMES.—Junior, as Second Assistant; salary £3 5s. week; hours 8.30 to 8 p.m.; usual half-holiday; no Sunday duty. Apply Holmes, 49 Eden Street, Kingston-on-Thames.

LONDON, Central District, West End.—Manager required; qualified; good knowledge of French or other foreign language; salary £350 per annum, plus good commission. Apply, giving full particulars, age, experience, qualifications, with copies of two recent testimonials, to Box 50, c/o Mather & Crowther, Ltd., 10-13 New Bridge Street, E.C.

LONDON, E.C.—Junior or Improver; gentleman or lady; easy hours; outdoors. Full particulars to Walters, 13 Old Street, E.C. (Goswell Road end).

LONDON, S.E.—Smart qualified or unqualified Assistant required for busy Retail and N.H.I. Dispensing; hours 9-8, Thursday 1, alternate Sunday mornings; last Assistant ten years; qualified lady not objected to. Apply, stating full particulars and salary required, to J. W. Douglas, 19 Kensington Terrace, S.E. 11.

LONDON, N.E.—Manager wanted; outdoors; comfortable berth; permanency; must be active and good Salesman; require as soon as possible. Apply, stating salary required and usual particulars, to "Ebor" (154/20), Office of this Paper.

LONDON, N.W.—Elderly, qualified Assistant; active; capable Dispenser; permanency; state age, salary required, and earliest day at liberty. "K. R." (166/40), Office of this Paper.

LONDON, W.—Qualified Assistant (gentleman) with first-class Dispensing and Counter experience. Full particulars to the Manager, Savory & Moore, Ltd., Lancaster Gate, London, W. 2.

LONDON, W.—Photography; expert worker; Developing, Printing, Enlarging, etc.; wages and liberal commission. Apply Cofman's Pharmacy, 6 Bloomsbury Street, W.C. 1.

LONDON, W.—Junior Assistant for good-class Dispensing business; one who has served a good apprenticeship would suit. Apply 170/32, Office of this Paper.

MANCHESTER.—Wanted, qualified Manager; permanent; N.H.I. and Cash Retail; half-holiday, and no Sunday duty. Apply 170/28, Office of this Paper.

MANCHESTER.—Manager or Assistant; qualified; good-class Retail and Dispensing; outdoors; give full particulars and salary required; permanent. Apply 170/27, Office of this Paper.

MARGATE.—Competent Assistant as Dispenser; accustomed to good-class business; permanency to suitable man. Apply, stating age, height, salary required (with or without house), and details of previous experience, to D. T. Evans, Chemist, Margate.

MARGATE.—Gentlemanly Assistant (outdoors); about 24; good-class Retail and Dispensing business. Also smart Junior; photo if possible. Full particulars, previous experience, age, height, salary, when disengaged, W. M. Rosser, Baily & Co., 2 Ethelbert Terrace, Margate.

MILLOM, CUMBERLAND.—Manager (qualified) at once for brisk middle-class Retail, Dispensing, N.H.I., and Photographic business; capable, smart, and energetic men apply, stating full particulars as to age, experience, salary, etc., and enclosing photo (to be returned). Applications unanswered in three days declined. Mrs. F. S. Dixon, Central Pharmacy, Millom.

MONMOUTHSHIRE.—Qualified Manager required for a large Light Retail and Dispensing business; must be a very capable man; splendid opportunity for the right man; liberal interest in the profits. Apply 166/401, Office of this Paper.

NEAR MANCHESTER.—Qualified required for good Retail and N.H.I.; comfortable berth; £4 per week; capable take charge. Full particulars, age, references, etc., to 166/29, Office of this Paper.

NORTH WALES.—Qualified Manager for Branch near Wrexham; healthy, bracing, picturesque district; permanency; commission; excellent berth. Apply L. B. Rowland & Co., Chemists, Wrexham.

NOTTINGHAM.—General Medical Practitioner requires Private Secretary to undertake Dispensing and Bookkeeping, with knowledge of Shorthand and Typewriting. Write 169/11, Office of this Paper.

NORTHUMBERLAND.—Assistant (qualified) for good-class country Retail; no Sunday or half-holiday duty. Give full particulars, salary, experience, references, 170/23, Office of this Paper.

NORWICH.—Qualified Assistant for good-class Retail and Dispensing business; outdoors, short hours; photographic knowledge necessary. Apply, with full particulars of recent engagements, copies of testimonials, if possible photo, and stating salary required, to J. F. Collin, Pharmaceutical Chemist, 25 The Walk, Norwich.

NEAR NEWCASTLE-ON-TYNE.—Wanted, unqualified Assistant (outdoors); hours 57 weekly (less 10 for meals); good salary offered to a first-class man. Apply, with full particulars in confidence, to 163/36, Office of this Paper.

SHREWSBURY.—Qualified Assistant; outdoors; close Mondays, Tuesdays, Wednesdays, Fridays 7 p.m., Thursdays 1 p.m., Saturdays 8 p.m.; no extra duties; please give full particulars of age, height, references, and salary required in first letter. A. Williams, Chemist, Shrewsbury.

ST. George's Hospital, S.W.—Required, qualified Assistant Dispenser; ladies ineligible; from 16th June to 2nd August inclusive; salary £3 3s. per week; hours 9 a.m. to 5 p.m.; Sunday duty about two hours every third Sunday. Applications, with references, to the Chief Dispenser.

ST. LEONARDS-ON-SEA.—Junior Dispenser (man), age about 24 to 28, at once; salary 50s. weekly; outdoors; please state full particulars and references for two years; hours 8.30 to 7, alternate Sundays two separate hours; half-holiday weekly. Swbank Smith, 5 Norman Road, St. Leonards-on-Sea.

STREATHAM, S.W.—Capable Assistant wanted; good Salesman, Window-dresser, etc.; Light Retail and Photo; very little N.H.I.; hours 9 to 7, with weekly half-holiday; extra time can be arranged for study if required. Full particulars of experience and salary required to Walker, 86 Moyser Road, S.W. 16.

WARWICK.—A competent indoor Assistant for good-class Dispensing and Photographic; no heavy trade; permanency; state age, height, and salary required. Holliday, Chemist.

WEST RIDING.—Qualified Manager; one with knowledge of sight-testing preferred but not essential. Apply, stating salary required and full particulars, to 167/38, Office of this Paper.

A VACANCY occurs in a first-class Dispensing business, Kensington district, for a smart, qualified Assistant; capable Organiser and Window-dresser essential; every opportunity given to man able to advance original ideas. Address "Statim" (171/17), Office of this Paper; or 'phone Western 1281.

AN outdoor Assistant, either lady or gentleman, well experienced in Dispensing. Apply, with particulars, to W. Adams, Pharmaceutical Chemist, Shrewsbury.

ASSISTANT for high-class Light Retail, Photographic, and Dispensing in West of England; must be smart and quick at Counter; unqualified; very short hours, and good progressive salary to suitable man. State full particulars, experience, age, photo, and references, to "Plymouth" (165/13), Office of this Paper.

ASSISTANT required (unqualified) for Mixed Light Retail; little N.H.I.; must have good references. Apply, with particulars of experience, age, salary expected (outdoors), when at liberty (personal interview preferred if can be arranged), W. Luty Wells, Chemist, Yiewsley, Middlesex.

ASSISTANT for Branch; outdoors; one with knowledge of Dispensing; N.H.I. work. Full particulars to Hampton, Chemist, 86 Northgate Street, Gloucester.

BRANCH Manager, lady or gentleman (qualified), for small compact Pharmacy near Dukeries. Apply, giving full particulars and references, to E. J. Latham, M.P.S., Shirebrook, near Mansfield.

CAPABLE Assistant wanted for City business; young; qualified preferred; short hours, 8.30 to 7.30; afternoon weekly at 1 p.m. (or any day by arrangement); no Sunday or Bank Holiday duties; personal application preferred. If writing, state usual particulars to D. C. Jones, Chemist, 21 Aldgate (City), E. 1.

CHEMIST.—Qualified Branch Manager required (at once); N.H.I.; close Tuesday 11.30, Saturday 6, 48-hour week, no Sunday duty. State full particulars, experience, age, salary, references, when at liberty, to Secretary, Morley Industrial Co-operative Society, Ltd., Morley, Yorks.

COMPETENT Assistant (qualified preferred); accustomed to good-class Dispensing and Retail (outdoors). Apply, with full particulars of experience, etc., and salary required, to H. Dyson, 46 Market Place, Reading.

COCKS & DUNSFORD, Pharmacists, Torquay, require an Assistant for good-class Retail and Dispensing. Apply T. W. Dunsford, Castle Circus, Torquay.

DISPENSER, lady preferred, for private practice in London suburb; short hours; quick, and experience as bookkeeper. Address 169/40, Office of this Paper.

DISPENSER (female, non-resident) wanted at the Park Fever Hospital, Hither Green, S.E. 14 (under the Metropolitan Asylums Board); the person appointed must be a Licentiate of the Society of Apothecaries or registered under the Pharmacy Acts (Major or Minor certificate of the Pharmaceutical Society); those holding only the Assistant's certificate of the Society of Apothecaries are not eligible; the person appointed will be required to perform certain clerical work for the Medical Superintendent, and a knowledge of typewriting will be an advantage; salary £150 per annum, rising by £10 annually to £200, war bonus 15s. per week. Applications must be made on forms obtainable from the Clerk, Metropolitan Asylums Board, Embankment, E.C. 4.

EVENINGS; qualified man from 6 to 8 p.m.; permanency. Apply "X." (171/3), Office of this Paper.

EXCEPTIONAL opportunity for young Pharmacist possessing S.M.C. or B.O.A. qualification; every facility for acquiring first-class experience and practice in refractive work, also excellent prospects of responsible position in Pharmacy; must be keen business man. Write full particulars first letter, enclosing recent photo, also state salary required, Broadway Branch, "Body's Pharmacies," Southend-on-Sea.

FOWKE & SON, Stafford, require a smart Assistant (male). Apply, giving full particulars, references, and salary required, and if possible photo.

HENRY HODDER & CO., LTD., Bristol, have vacancy for qualified Manager of branch; married man preferred; living accommodation on premises; business in middle-class neighbourhood; hours 8.30 to 7, one evening weekly 8, Saturdays 8, Wednesdays close 1; satisfactory references required. Apply Managing Director, Hodders, Ltd., 5 Nelson Street, Bristol.

IN good-class country business; Manager required for Retail; smart pushing man would be able to acquire the business by easy payment; short hours; no Sunday work. "Cheshire" (144/38), Office of this Paper.

INDOOR Assistant wanted (at once); state age, height, experience, salary required, give references. Apply to Milne, Chemist, Amesbury, Salisbury, Wilts.

JUNIOR Assistant (outdoors) for large good-class country business; Senior, Porters, and boy kept; short hours, no Sunday or night duty; time for study and assistance given if desired; state age, experience, and salary required, with photo if convenient. H. R. Maynard, Chemist, Horncastle, Lincs.

JUNIOR, at commencement of June; one accustomed to Dispensing and Counter trade. State fully age, experience, references, and salary required, to Bevan & Stooke, 62 Church Street, Harwich, Essex.

JUNIOR; gentlemanly, well educated; accustomed to first-class Dispensing; no N.H.I.; hours of business 8.30 to 6. Full particulars to Mr. Lewis, Chemist, Ealing, W. 5.

JUNE to September.—Temporary Assistant required for holiday relief; in reply please state age, experience, salary, references, and when disengaged. Bramleys, 87 Holyhead Road, Handsworth, Birmingham.

LOCUM required; unqualified; capable Dispenser; three weeks from June 17th; state terms (outdoors). Leach, Chemist, Macclesfield.

LOCUM (qualified) for three weeks from August 11th, for quick Cash business, London, S.W.; reasonable hours; no Sunday or night duty; one Assistant kept; £6 weekly (outdoors). Apply 168/25, Office of this Paper.

LOCUM Tenens for 14 days or thereabouts from July 7th; one-man business; suit elderly man. Apply, with full particulars, to G. F. Corrall, Qualified Chemist, Enfield Wash.

MANAGER, qualified, for Branch; good working-class neighbourhood; in Kent; quick Retail, Dispensing, and Photo; permanency; convenient house. Send salary, age, and usual particulars to 171/29, Office of this Paper.

QUALIFIED Chemist, married, for a Family and Agricultural business in small town in Cornwall, near sea coast; easy hours and liberal terms. Apply in first place with full particulars to "C.," 114 Newbridge Road, Bath.

QUALIFIED Manager wanted for good-class Family and Dispensing business. Apply Ekins & Fisher, St. Albans.

QUALIFIED man wanted to take charge of good-class country business; no bookkeeping; easy hours; 12 months' engagement; state salary. Replies to 171/7, Office of this Paper.

QUALIFIED Chemist for supervising N.H.I.; suit elderly gentleman or lady. Apply, stating full particulars and salary required, to E. H. Baker, Ltd., Chemists, Coseley, Staffs.

QUALIFIED Assistant for good-class, quick country Retail and Dispensing business; good house provided if necessary; full particulars in application of age, experience, and salary required; must have undeniable references. Apply "Neptune," c/o Randall & Son, Ltd., Southampton.

QUALIFIED Manager for Branch, at the end of June; age between 30 and 40; married; state salary required (house and garden free); give two references. F. Strawson, 12 Rose Hill, Dorking.

RELIABLE Junior required early (outdoors); good references essential. Particulars as to age, experience, salary, and when disengaged, to A. Toon, Chemist, Earl Shilton, near Hinckley.

SMART Counterman wanted; unqualified; accustomed to good-class business; easy hours; good salary; outdoors. Send photo with full particulars, stating salary required, to Ralph Cuthbert, Ltd., Chemists, Huddersfield.

TEMPORARY Assistant wanted; please state age, when at liberty, and salary required. Apply "G. I. M." (171/18), Office of this Paper.

THOMPSON & CAPPER, LTD., require a qualified man with good experience, and with a knowledge of Photography. Apply, giving full particulars, enclosing photograph and stating salary required, to Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

UNQUALIFIED Assistant wanted (immediately) for Counter work; Photography essential. Atkins, Chemist, Salisbury.

UNQUALIFIED Assistant required shortly; age 22-25 years; must be good, quick worker, well up in Dispensing and Photography; very easy hours, with half-holiday weekly; state full particulars of experience, together with salary required in first letter; interview desired. E. W. Tayler, Pharmaceutical Chemist, Sherborne, Dorset.

WANTED, Manager for up-to-date high-class seaside Store business; with knowledge of Surgical and Optical work preferred; reasonable hours; smart Window and Counter Dresser essential. State full particulars, when free, and salary required, to 167/26, Office of this Paper.

WANTED, qualified Manager (single) for middle-class Mixed business in provincial town, requiring energy and push owing to neglect; send full particulars as to age, experience, references, and salary required. Apply 167/24, Office of this Paper.

WANTED, a competent and trustworthy Chemist's Assistant (outdoors) for Mixed business in a Glamorgan mining district; must be a good Dispenser and Counterman; Welsh-speaking desirable. Apply with particulars and references to 166/38, Office of this Paper.

WANTED, qualified Assistant for the month of June at least, a young man with good experience in Dispensing and Retail; easy hours, no Sunday duty. State age, references, experience, and salary required (outdoors), to 166/34, Office of this Paper.

WANTED, in a few weeks' time, a Junior Assistant accustomed to Dispensing; must be quick, accurate, and neat. Apply by letter, stating full particulars of experience and salary required, to John Atkins, Chemist, Queen's Road, Bayswater, W. 2.

WANTED (immediately), French-speaking Assistant; with West-End experience preferred. Apply the Manager, Heppell's, 78 Strand, W.C.

WANTED, qualified, experienced Senior Assistant (outdoors). Apply with full particulars to F. G., Glaisyer & Kemp, North Street, Brighton.

WANTED (at once), elderly qualified man to Superintend business in S.E. district. Apply full particulars as to age, salary required, etc., to 168/6, Office of this Paper.

WANTED, a reliable Assistant (outdoors) in good-class Light Retail and Dispensing business. Apply, with particulars, to R. C. Davenport, Bromley Hill Pharmacy, Bromley, Kent.

WANTED, lady Dispenser (outdoors), qualified or unqualified, for Doctor's East London practice; hours 10.30-12.30 a.m., 6-9 p.m. State salary, 168/31, Office of this Paper.

WANTED (immediately), in pretty health resort, competent Assistant for high-class Dispensing business; in- or out-doors. Collins, Woodhall Spa, Lincs.

WANTED, qualified Assistant (outdoors) for quick Cash business; hours 8.30 to 7 p.m., Thursday 1 o'clock, Saturday 9 p.m., no Sunday duty. Please state age, experience, and salary required, with references, to E. J. Kitson, Worcester.

WANTED, qualified man, with view to purchasing for branch shop, N. Wales. Apply, with all particulars, to 169/39, Office of this Paper.

WHOLESALE.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

ANALYTICAL Chemist required in Manufacturing Chemists; capable of conducting B.P. tests, analyses, assays, etc.; Pharmaceutical knowledge and experience useful. Apply, with particulars and salary required, to 163/54, Office of this Paper.

ASSISTANT, with good knowledge of Druggists' Sundries and able to assist with stock, required by leading Wholesale London house; state age, salary required, experience, etc. Apply "L." (160/63), Office of this Paper.

ASSISTANTS wanted (at once) for Wet and Dry Counters. Apply by letter, stating age and experience, W. Reynolds & Branson, Ltd., Wholesale Druggists, Leeds.

CAPSULE MANUFACTURER.—Wanted, a thoroughly experienced Hand, capable of taking full control for the Manufacture of hand-made Capsules; preference will be given to one with also a knowledge of Pastille-making. Apply, giving full particulars, salary, etc., 171/30, Office of this Paper.

CHEMIST, fully experienced in manufacture of Toilet articles both for home and foreign markets, required by manufacturing firm. Apply "L." (161/21), Office of this Paper.

CHEMIST and Works Manager required by small Wholesale house in the provinces; must have had extensive experience in the Wholesale Drug trade, and he well up in the manufacture of Galenicals, also compressed Tablets and Lozenges; one desiring a permanency preferred; salary £300-£500 per annum. Please state full details of previous experience, age, etc., to 166/27, Office of this Paper.

COMPETENT and experienced Sugar Coaters wanted; Pills and Tablets; state age, experience, and wages required. Apply 161/51, Office of this Paper.

COUNTER Hands wanted for Wholesale Chemical trade; City warehouse; state age, experience, and wages. Apply 156/110, Office of this Paper.

DRY and Wet Counter Hands wanted for London Manufacturing Chemists. Apply, with particulars, to 163/55, Office of this Paper.

GENTLEMAN to undertake the supervision of forwarding and packing department of firm of Wholesale Drysalters and Spice Grinders; must have knowledge of and experience in handling similar goods. Apply, stating age, experience, and salary required. Crampton, "The Spice House," Manc.

LABORATORY Hand wanted, with practical training and actual experience in the manufacture of Ointments, Fluid Extracts, etc., on a large scale; state wages, and full particulars of experience, and when free. Apply 158/17, Office of this Paper.

LABORATORY.—Wanted, a man for Wholesale Druggist's Laboratory in the provinces; must be well up in the manufacture of Galenicals by up-to-date processes; permanent position for suitable man; please state experience, age, and salary required. Apply 166/271, Office of this Paper.

LABORATORY.—Process worker wanted by London house to make Tinctures, Fluid Extracts, etc.; wage 55s. State age, particulars of previous experience, and whether disengaged, to "W. K." (161/12), Office of this Paper.

LABORATORY Hand required by firm of Manufacturing Chemists; should be experienced in the manufacture of Toilet Preparations and Perfumery; excellent prospects for right man. Full particulars of experience, wages required, to 162/700, Office of this Paper.

MEDICINAL Herb Drying.—Owner of a factory, outskirts of London, equipped with steam plant suitable for the purpose, wishes to get into touch with a gentleman who is thoroughly conversant with all the details connected with the above, viz., obtaining the raw material, preparing and marketing the finished product, and who would be willing to take an interest in the business on mutual terms. Apply 171/9, Office of this Paper.

PILL-MAKER, thoroughly experienced, by Wholesale Firm in Lancashire. Apply, stating all particulars, 159/15, Office of this Paper.

QUALIFIED LABORATORY MANAGER required by progressive Wholesale firm on the South Coast for the supervision of the manufacture of Toilet Articles, Perfumery, Soaps, and Pharmaceutical Specialities; must be experienced and possess initiative and energy; state age, experience, and qualifications, also salary required; replies treated with strictest confidence. Apply "L." (162/7), Office of this Paper.

REPRESENTATIVES required for high-class Toilet articles and novelties by a progressive London firm; liberal commission given. Reply, with particulars, 168/23, Office of this Paper.

TABLET Maker wanted; experienced in Sugar and Chocolate Coating. Address "C.," stating salary required and experience, 157/41, Office of this Paper.

TABLETS.—Practical man for first position in modern and up-to-date factory; must be able to keep plant constantly going and maintain plant and department in a clean and orderly manner; state wages, when disengaged, and details of experience, in confidence. Apply "Midlands" (158/170), Office of this Paper.

TINCTURE Maker required by London Wholesale house. State experience, age, and wages required, 168/28. Office of this Paper.

TRAVELLERS, calling on Chemists, Hairdressers, and Stores, can bear of well-advertised Toilet preparation to carry as side line on commission basis only; please state ground covered. Address 168/8, Office of this Paper.

WANTED, a reliable man, with sound knowledge of Drugs and Chemicals, to take charge of Wet Counter; must be thoroughly capable and accurate. Also a Clerk, with intimate knowledge of the Wholesale Chemists' business, capable of costing and following the market prices. Apply G. Steven & Co., Chorlton Road, Manchester.

WANTED, a Pharmacist with good experience of the Retail trade, for a position in the Sales Department of a London firm of manufacturing Pharmaceutical Chemists; travelling experience desirable; age should be about 30; good opportunities for a worker who is also a good disciplinarian and organiser. Apply, stating age, whether married, and previous experience, to 157/69, Office of this Paper.

WANTED, for the Fine Chemical and Drug Trade (Wholesale only), competent Warehouseman and packer; preference to ex-service man. Application in own writing with copies of testimonials to "L." (160/24), Office of this Paper.

WANTED, a good Attendant for motor van; must have a knowledge of the Drug trade. Apply "F. N. L.," 46 Southwark Street, S.E. 1.

WANTED, a first-rate Packer; must have a thorough knowledge of handling Drugs in bottles, etc. Apply "F. N. L.," 46 Southwark Street, S.E. 1.

WANTED, a good smart man for Manufacturing Perfumery department in Wholesale house; one with knowledge and experience in making up all kinds of Toilet preparations. Apply by letter, stating age, previous experience, and salary required, to "L." (164/300), Office of this Paper.

WANTED, several smart Travellers, with good connections, to push excellent side line; 20 per cent. commission; a proved dry cleaner, not a dye; sell 3*d.* and 6*d.*; perfect results on the fashionable velour hat and wide range of articles; smart show cards, small samples; territories open; South Coast, Western Counties, South Wales, Midlands and North Wales, Scotland (bar Glasgow district). State full particulars, in confidence, to 169/23, Office of this Paper.

WORKS Chemist's Assistant; used to superintendence of Sundries. Apply "L." (162/17), Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, p epaid.

(Colonial, Indian and Foreign.)

ASSAM.—Dispensing Chemist required for Assam, India; unmarried man. State qualifications and experience to 172/19, Office of this Paper.

BANGKOK, SIAM.—Qualified Assistant required; knowledge of sight testing and fitting essential; one with good-class London experience preferred; four years' agreement; salary £400, £425, £450, £500 yearly, with furnished quarters; passage paid out and home. Apply, with testimonials and photograph, to "M. H.," Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

BRITISH EAST AFRICA.—Wanted, qualified Assistant, single, under 30 preferred, with knowledge of Photography; three years' agreement; second-class passage paid out; healthy climate. Reply, with full particulars of experience and references, stating salary required, to 170/34, Office of this Paper.

FEDERATED MALAY STATES.—Qualified Assistant required; unmarried; three years' agreement; passage paid out and home; must have good health; salary first year £35; second year £38; third year £41 per month; short hours; preference given to one with knowledge of Photography and Optics, but not essential; advancement for good business man. Apply 163/64, Office of this Paper.

HONG KONG.—Two thoroughly reliable Assistants, who have had good experience in first-class Retail business; age 22 to 30; four or five years' agreement; salary for qualified men £32, rising to £35 or £36 per month, with free quarters or house allowance; passage paid out and home. Address "Export" (170/9), Office of this Paper.

INDIA.—Old-established British firm in Calcutta requires an Assistant; neat and accurate Dispenser; under 30; qualified preferred; four years' agreement; monthly salary, first year Rs 300, second year 325, third 350, and fourth 400; passage paid both ways. Apply, stating age, qualifications, and experience, to 151/24, Office of this Paper.

SINGAPORE.—Wanted, qualified Assistant, young, single, with thorough knowledge Retail business; capable taking charge if necessary. Apply by writing, with particulars, to Durant, Radford & Co., Billiter Buildings, E.C. 3.

SINGAPORE, STRAITS SETTLEMENTS.—Wanted, qualified Assistant; young, energetic, good experience, single; knowledge of Optics an advantage; desirable situation; healthy climate; three years' agreement; passage out and home; salary £35 per month, increasing annually to £40. Apply to M. K. Watt, Pharmacist, 28 Esslemont Avenue, Aberdeen.

STRAITS SETTLEMENTS.—Qualified Assistant, young, and capable of managing Branch Dispensary; four years' agreement; passage paid out and home; salary first year, £30 per month, second and third years £32 per month, fourth year £35; splendid opportunity for an energetic man; a knowledge of Optical and Photographic work desirable. Apply W. C. H., Burgoyne, Burbidges & Co., Ltd., East Ham, E. 6.

TRAVELLER.—Wanted, thoroughly experienced Traveller for Spain, Portugal, and Italy; must have a knowledge of Drug and Chemical trade. Address "Italy" (162/52), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.]

RETAIL.

A LOCUM, qualified, 20 years' experience, who has just completed successful management (2½ years) of business for widow, just sold, desires engagement; any district. "Chemist," The Ferns, Nursery Lane, Wilmslow, Cheshire.

ADVERTISER, qualified, 33, seeks post as temporary Assistant or relief; disengaged July. State full particulars to "C.A." (166/28), Office of this Paper.

AS Locum or Manager; London; qualified; 31; free now. "Locum" (169/15), Office of this Paper.

AS qualified Manager or Assistant; disengaged; capable and reliable; 20 years' experience; South Wales preferred. Davies, Ty. Cwrdd, Llwynhendy, Llanelly.

ASSISTANT (Hall); West-End and country experience; excellent references; seaside preferred. Apply 165/36, Office of this Paper.

ASSISTANT or Manager; 39; qualified; married; good Counterman and Dispenser; excellent references; London or Southern Counties preferred. Apply "Fox" (167/4), Office of this Paper.

ASSISTANT or Manager; 45; unqualified; Dispensing and Manufacturing, accustomed to taking sole charge; good references; London only. Apply 169/2, Office of this Paper.

ASSISTANT or Manager; unqualified; married; 18 years' London experience (West End); quick and accurate Dispenser, Prescriber, Extractor; willing, reliable; highest references; present berth 5½ years. Apply Richardson, 100 St. Leonard's Street, Bromley-by-Bow.

ASSISTANT; unqualified; married; 12 years' experience in good-class Retail, Dispensing, Optical, and Dental; good Window-dresser; excellent references. Apply 167/5, Office of this Paper.

ASSISTANT, unqualified, 27, recently demobilised, seeks situation; good experience Counter and Dispensing. "A. B. C.," 169 Fosse Road North, Leicester.

ASSISTANT, demobilised, age 24, desires situation; accustomed to Counter, Stock, and Window-dressing; energetic, not afraid of work; or would accept lower salary to get thoroughly acquainted with the Dispensing; Bristol or district preferred. Apply, with full particulars, to "W.," 55 Birch Road, Southville, Bristol.

ASSISTANT (24), unqualified, seeks situation in Nelson, Burnley, or East Lancs district; good all-round knowledge of Dispensing, Photography, etc. Apply 171/28, Office of this Paper.

ASSISTANT Chemist (unqualified) desires berth; Dispensing, Counter, knowledge Photography, etc.; disengaged through demobilised Apprentice's return; well recommended; Cumberland or Westmoreland preferred; age 19; would accept season's engagement till October. Parrish, Plumblands Lane, Whitehaven.

ASSISTANT, unqualified, 28, single, 10 years' experience, requires engagement for summer season where hours, duties, are moderate; experienced Counter hand, reliable Dispenser; good references; temperate. "H. P. J.," 7 Dunraven Terrace, Gowerton, Glam.

ASSISTANT, demobilised, Minor qualification, three years' Army, seeks situation working-class district, London; personal interview. Apply 170/38, Office of this Paper.

ASSISTANT; unqualified; 35; just demobilised; Sergeant Dispenser, R.A.M.C.; excellent references; investigation courted; please state salary and hours of business; London or suburb preferred. "Aspirin" (172/16), Office of this Paper.

ASSISTANT; unqualified; married; 34; demobilised; experienced Dispenser, Window-dresser, Counterman, Photography; smart, energetic; London or near. Salary, hours, etc., to 171/21, Office of this Paper.

ASSISTANT requires a post in or near London; can supply excellent references, with immediate interview; 21. Apply 171/32, Office of this Paper.

AT liberty; smart, gentlemanly; unqualified; 29; Dispensing, Counter, Books, etc.; permanency. Kindly give particulars, salary, etc., "Midlander" (169/9), Office of this Paper.

BEFORE deciding on your Branch Manager, write "Jordan," 318 Loughborough Road, Leicester; qualified; 14 years' experience; first-class references; reliable; successful; 43; married.

BRANCH Manager, qualified, 40, married, eight years in present berth, desires change. Apply 168/39, Office of this Paper.

CHEMIST, 38, single, qualified (Scotch), desires situation in the East; good character and references. Replies to "A. B." (163/37), Office of this Paper.

CLERICAL Work of any kind; evenings or daytime; terms moderate. Write "F. G." (137/18), Office of this Paper.

DEMOBBED, 40, married, requires berth Dispenser to Doctor or Dispensary, or as Representative. State salary to "Sergeant," 53 Cantelupe Road, East Grinstead.

DENTAL Operator desires Partnership with keen Pharmacist, to open Dental Surgery. "Dene," 80 Ambler Road, Finsbury Park, London.

DISENGAGED Locum or permanency; excellent references; London and provincial experience. "Chemist," 23a Sinclair Gardens, Kensington, W. 14.

DISPENSER requires post; Hampstead neighbourhood preferred; Doctor and Institution experience; free middle of June. Miss Wood, Herts County Asylum, St. Albans.

DISPENSER, Bookkeeper, etc.; 27 years' experience; age 44; disengaged; permanency required; would do locum; married. Strutt, 2 London Road, Heilsham.

DISPENSER; unqualified; eighteen years' experience; *qualified in America*; Prescribing specialist; Bookkeeping, Typewriting; whole or part time; Indian. "Tuga," 61 Cirencester Street, Paddington, W. 2.

DISPENSING, lady (Hall), desires post in or near London; will take a temporary or part-time post. Apply 171/2, Office of this Paper.

DOCTOR'S son, demobilised, 26, single, desires post with Doctor as Dispenser-Bookkeeper; 4½ years' experience; unqualified; private and panel; experienced motorist; would drive car or motor cycle (side-car) in spare time; energetic; good references. Reply, stating salary, hours, etc., 169/31, Office of this Paper.

GENTLEMAN can offer evening assistance; free daily after 5 p.m.; 15 years with Wholesale house. "N.," 16 Christchurch Street, Chelsea, S.W. 3.

HOLIDAY Duty or Locum.—An experienced Pharmacist is open for engagement after June 2nd. "Ampoule" (168/11), Office of this Paper.

LADY Dispenser (Hall cert.) requires post with Chemist, Doctor, or Institution; four years' experience; good testimonials; London or Liverpool preferred. Apply 166/36, Office of this Paper.

LADY Dispenser (Hall) seeks post; two years' experience; disengaged. Apply 169/20, Office of this Paper.

LADY Dispenser (Hall) requires post; locum or permanency; some experience. Miss Taylor, 59 Somerton Road, Cricklewood, N.W. 2.

LIGHT country berth required; qualified; tall; abstainer; non-smoker; excellent references; 28; single. Please state salary, Larcombe, 1 Neatham Villas, Hale Road, Farnham.

LOCUM WORK.—Pharmacist now booking dates for June-July; leading firm in large Midland town already accepted for fourth successive season; *Verb. Sap.*; present engagement well-known London City firm. Write "Midlands" (168/21), Office of this Paper.

LOCUM Dispenser or sole charge; free May 26th; experienced; highest references. "S.," 19 Rockmount Road, S.E. 19.

LOCUM; London and provinces; highest references; well recommended. Brown. 74 West Hill, East Putney, London.

LOCUM; Relief Manager or permanent Managership; kindly book early; thoroughly experienced; satisfactory references; disengaged June 9th. Marshall, 15 Pembury Road, Tottenham, N. 17.

LOCUM desires engagements; June, August, September; unqualified; ten years' experience; highest references; Cheshire or Liverpool district preferred. "Demobilised," 29 Hightown, Crewe.

LOCUM Tenens; disengaged May 24th to June 10th; experienced. "L. T.," 7 Clytha Park Road, Newport, Mon.

LOCUM; qualified; experienced; London or suburbs; next three or four weeks open. Mr. Perkins, 67 King's Hall Road, Beckenham.

LOCUM or management; view purchase; 55; experienced; disengaged; terms reasonable. "J. S.," 139 Linthorpe Road, Middlesbrough.

LOCUM or Manager; view to succession; demobilised; highest credentials; qualified. "Tetanus," Hazelwood, Windermere Road, Coulsdon, Surrey.

LOCUM, unqualified, aged 45, desires employment for two weeks in June; seaside or country; best references. Apply 168/10, Office of this Paper.

LOCUM; qualified; best references; last fortnight in June; please state terms. "Chemist," 56 Lamb's Conduit Street, W.C. 1.

LOCUM or otherwise; qualified; experienced; booking dates from May 24th onwards; London district preferred. McCorquodale, M.P.S., 79 Haverstock Hill, N.W. 3.

LOCUM; qualified; 30; disengaged; experienced and reliable. "D. J.," 2 Seymour Road, Bath.

LOCUM or otherwise; elderly; qualified; disengaged. Hobson Key, Brook Estate, Monmouth.

LOCUM; capable Dispenser and Counterman; 45; demobilised. Davies, 85 Margate Road, Southsea.

LOCUM, experienced M.P.S., of absolute integrity, now disengaged; Photography; seaside. Apply 167/14, Office of this Paper.

LOCUM or holiday engagement; disengaged until September; eighteen years' experience London, country, Continent; Photography and Optics. Apply 168/27, Office of this Paper.

LOCUM Dispenser; Hall; experienced; good testimonials; disengaged June; seaside or country preferred. Miss Saul, 129 High Street, Brentwood, Essex.

LOCUM; qualified (lady); experienced; highest references; knowledge of French, etc.; at liberty from now to end of July. Apply 171/22, Office of this Paper.

LOCUM, Manager, or Representative; good experience Wholesale and Retail; age 37; abstainer; Sheffield. Apply 171/34, Office of this Paper.

LOCUM; qualified; experienced; at liberty last week in June and first in July, or thereabouts; only dates open. Apply 171/11, Office of this Paper.

LOCUM TENENS.—Pharmacist, just demobilised, 33, desires Locum work up to September; 14 years last employer; state terms. Butterworth, 30 Dunster Avenue, Rochdale.

MANAGER or Senior; qualified; 37; married; wide experience best class; fluent French. Scott, 15 Rue Caligny, Le Havre.

MANAGER; unqualified; married, abstainer; well experienced; excellent references; country town or village preferred; disengaged latter part of June. Parker, The Cross, Malpas, Cheshire.

MANAGER; unqualified; age 44; married; well up in every branch of business; first-class references; active, reliable; good Window-dresser, Extractor. Apply "Prescriber" (170/29), Office of this Paper.

MANAGER; qualified; experienced; abstainer; outdoors preferred; town or country; disengaged; excellent references; Stores or Pharmacy. "Chemist," 17 Gladstone Park Gardens, Cricklewood, N.W.

MANAGER or Managing Assistant; 39; tall; married; 25 years' good experience; excellent references; permanency; disengaged. "H.," 3 Norwood Avenue, Southport.

MANAGER; qualified; reliable, experienced; with interest, or view to succession preferred; London. "Chemious," 10 Shrewsbury Road, W. 2.

MANAGER, qualified Chemist (1912), desires position as Manager; seaside or country town near London. Bryant, 4 Kelmscott Road, Wandsworth Common, London.

MANAGING Assistant or Manager; good Prescriber and Salesman; knowledge of Dentistry; London preferred. "Aspirin" (165/2), Office of this Paper.

PART or full time; experienced; Photography, Urine Analysis, etc.; excellent references; state terms; London preferred. Apply "Zinconium," 41 Frithville Gardens, Uxbridge Road, W. 12.

PART-TIME, light employment, any capacity; Boston or Sleaford district; unqualified; good references. Briggs, Heckington, Lincs.

PHARMACIST, 35, married, desires change early in July; 8 (eight) years present berth; Branch, or position where energy, capability, and thoroughness would be an asset; excellent references. "E. G. T.," 1 Bath Road, Cheltenham.

PHARMACIST as Locum; 20 years' own business experience; total abstainer; free now. Clarke, Westlea, Old Meldrum, Aberdeenshire.

POSITION required as Dispenser to Doctor or as Chemist's Assistant; Hall qualification. Miss Burstow, Belmont, Church Walk, Thames Ditton, Surrey.

QUALIFIED Chemist (38), 22 years' experience, used to management of first-class businesses, last seven years Superintendent and Buyer for limited company, excellent references, desires change; similar position or permanent Managership. Apply 167/9, Office of this Paper.

QUALIFIED, disengaged, 28, 12½ years' experience, abstainer, requires country or seaside berth; good references; conscientious worker; interview if desired. Write "Pippette" (166/33), Office of this Paper.

QUALIFIED, experienced, woman Dispenser requires post. Clarke, Park Holme, Queen's Road, Teddington.

QUALIFIED, 26, married, desires permanency as Assistant or Manager; suburban or South Counties; excellent experience and references. "Cyanide," 11 Burdett Avenue, Westcliff-on-Sea.

QUALIFIED; disengaged June 15 to June 21; London only. "Radix" (171/31), Office of this Paper.

SENIOR Assistant, 29, married, accustomed to manage and control staff, best experience in high-class Dispensing and Counter work, some Photography, desires progressive berth in brisk Retail or part Wholesale; one where there is plenty of scope; would travel; seven years present berth; unqualified. Please reply with usual particulars to "Brisk" (167/37), Office of this Paper.

SENIOR or Manager; age 30; 11 years' experience (six years West-End); accurate Dispenser; good Salesman, Window-dresser, Organiser; excellent references; state salary offered. E. R. B.," 17 Colville Terrace, Bayswater.

UNQUALIFIED (male); Counter, Stock, Dispensing; successful Presoriber; part-time would suit; outdoors; abstainer. "Reliable" (167/39), Office of this Paper.

UNQUALIFIED Assistant; 42; just demobilised; good all-round experience Dispensing, Counterman, Photography. "Velox," 14 St. Aldate's (side entrance), Oxford.

UNQUALIFIED (knowledge of Mechanical Dentistry); 2 years' experience and 3½ years in R.A.M.C., over two Nursing Orderly in France. Pask, Aylsham, Norfolk.

UNQUALIFIED; elderly, active; some years out of the Retail; would like to re-enter; offers service for modest remuneration; outdoors; S.E. or S.W. Apply 169/33, Office of this Paper.

UNQUALIFIED; abstainer; 17 years' London Store experience; now on relief work with London firm; take charge; manage Branch; excellent references; London only; please state salary; disengaged in one month. "G. N." (170/12), Office of this Paper.

UNQUALIFIED desires change; 28; married; good references; worker; 6 years present situation. Apply 171/19, Office of this Paper.

WHO will pay commencing salary £6 per week plus commission to a qualified Manager (35), who has held present position seven years; trebled returns, and has had West-End Dispensing experience? "M.P.S." (165/6), Office of this Paper.

YOUTH (19) requires post as Junior or Improver; five years' experience; excellent references. "T. J. S.," 266 Holdenhurst Road, Bournemouth.

YOUNG lady requires post with Chemist; five years' experience Counter and Dispensing; excellent references. Apply 168/5, Office of this Paper.

YOUNG lady requires post; Photography, Developing, Printing, and Enlarging; 3½ years' experience with Chemist. Particulars Martin, 30 Waverley Road, Exmouth.

55/- WEEKLY; capable Assistant; Counter, Dispensing; Photography; unqualified; age 28; height 5 ft. 10 in.; excellent references; seaside or country preferred. 15 St. Stephen's Road, Norwich.

WHOLESALE.

1s. for 12 words or less; 6d. for every 10 words or less Beyond, prepaid.

A POSITION is desired by an all-round capable man, 28, either in the office or as a Representative; undeniable credentials and a strong personality; wide commercial experience with houses of note. "A. S. C." (162/1), Office of this Paper.

A SMART business man, Retail, Wholesale, Sundries, and General Commercial experience, open for engagement. "Stanfast" (169/90), Office of this Paper.

ADVERTISER (36), 20 years' experience Chemicals and Drugs, also Bookkeeping and General Office Routine, seeks immediate employment. Apply 169/38, Office of this Paper.

BUYER or Assistant Buyer; thoroughly experienced Fine and Heavy Chemicals, Drugs; disengaged shortly; good references; salary moderate. Apply 170/24, Office of this Paper.

CAPABLE, energetic man, demobilised, 15 years' business experience, requires post as Traveller. Apply Hooker, c/o Bellamy, Chemist, Cricklewood, N.W. 2.

CLERK-GENERAL, 28, seeks situation; 10 years' experience in Wholesale Druggists; excellent references. Apply 164/36, Office of this Paper.

DEMOBILISED, 26, married desires change from Retail to Wholesale; four years Apprentice, 2½ years Assistant in high-class Pharmacies; London preferred. Alford, 27 Raleigh Road, Richmond, Surrey.

DEMOBILISED, 35, Minor qualification, desires position in small firm of Druggists' Sundriesmen or Toilet Specialists; prepared to invest capital in sound business. Apply, in strictest confidence, or interview, 170/380, Office of this Paper.

DISCHARGED Soldier, age 24, requires situation in Drug Store, or as Junior. T. Wellspring, 90 Nightingale Lane, S.W.

FOR SALE

Large Quantity Absorbent Cotton Wool

1-lb. Rolls.

Non-interleaved, **1/1** per lb. net, delivered. Apply—

FRED SIMPSON, 44 Produce Exchange, MANCHESTER

ENERGETIC young man, with knowledge of Drugs, wishes to represent good London or Birmingham house; Drugs or Toilet preparations; excellent references. Apply 168/200, Office of this Paper.

ENERGETIC and enthusiastic Salesman, capable of controlling and increasing business, requires position as Manager, Agent, or Traveller; fluent French and German; resident Paris. Replies "Opportunity" (171/1), Office of this Paper.

JUST demobilised (29), good appearance and address, well educated, desires position in Wholesale house or as Representative; eight years' high-class Retail. Apply 169/18, Office of this Paper.

LABORATORY Assistant, seven years' experience in the manufacture of Galenical preparations, seeks position; any department; London district. Apply 168/20, Office of this Paper.

MANUFACTURING and Analytical Chemist, long experience, seeks responsible position; thoroughly understands making of Tablets, Galenicals, Pharmaceutical Preparations, Standardisations, etc.; good references. Apply 165/35, Office of this Paper.

PHARMACIST, 24 years' experience in Manufacturing and Works Management, Specialities, Compressed Work, Pills, Ointments, Capsules, desires similar position. "X. Y. Z.," 10 Vassall Road, Brixton, S.W. 9.

PHARMACIST desires position as Manager of small Wholesale firm or Toilet Preparation Factory; every effort would be made to increase and expand business; previous experience; excellent references; London area; state salary and prospects. Replies to 169/10, Office of this Paper.

QUALIFIED Chemist (38), 22 years' Wholesale, Retail, Managerial and administrative experience, now Superintendent Director of Limited Company, desires permanent responsible position; highest references. Apply 167/90, Office of this Paper.

REPRESENTATIVE.—Required, position by ex-sergeant Dispenser, calling Chemists, Doctors; experienced interviewing Doctors; business ability. Apply 172/14, Office of this Paper.

REPRESENTATIVE open to resume connection West of England, South Coast, and Lancashire. Apply 171/15, Office of this Paper.

SCOTSMAN representing a firm of Manufacturing Chemists and Sundriesmen desires a change; eight years present position; would consider good Agencies, but only high-class goods entertained; first-class connection with Pharmacists and Doctors throughout Scotland; highest credentials. Apply 165/11, Office of this Paper.

YOUNG gentleman, with exceptional experience Retail, Wholesale, Manufactory, seeks position of responsibility; organiser, enterprising; can control Manufacturing, Finishing, Toilet, Pharmaceuticals, etc.; small capital for security or invest. "Business" (171/23), Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

ASSISTANT, 26, unqualified, eight years' Wholesale and Retail experience, desires post abroad. Please write 167/28, Office of this Paper.

MISCELLANEOUS.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—125 Allenbury "A" 6% Prefs., 20*s.* 3*d.*; £600 4½% Deb. £80 per £100 stock; 100 Bengers Food Ord., 41*s.* 9*d.*; 250 Camwal Ord., bid wanted; 200 Commercial Salt, 2*s.* 4½*d.*; 90 W. B. Fordham, 14*s.*; 200 Day & Martin, 15*s.* 3*d.*; 500 Mazawattee Ord., 7*s.* 4½*d.*; 200 Natal Ammonium Prefs., 13*s.*; 50 W. J. Bush Prefs., 74*s.*; 20 Parke's Drug Prefs., bid wanted.

Wanted (subject).—Camwal Ord., Prefs., and Debs.; Idris Ord., Prefs., and Debs.; Meggeson Ord. and Prefs.; Wright Layman Prefs.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

We are still open to buy your

KODAKS, CAMEOS, KLITOS, REFLEXES

—in fact anything photographic at high prices.

Don't keep that idle stock on your shelves. Send it along now, and we will make you an offer by return. Cheques immediately. Goods returned carriage paid if no business.

Wallace Heaton Ltd

INCORPORATING WATSONS CAMERA HOUSE

17-19 CHANGE ALLEY, SHEFFIELD.

Phone: 27 & 255 Cent. Grams: "ZODELLA, Sheffield."

ANNATTO, Liquid Extract, about 250 gallons, in ½-gallon, 1-gallon, 5-gallon, and 10-gallon drums, at 6*s.* per gallon. P. D. Milne, Chemist, Aberdeen.

FOR Sale, six Eureka type Tablet Machines on stand; fitted for power; will make up to 5-grain tablets. Price on application, 147/33, Office of this Paper.

OFFERS wanted for 12 cases Menthol Crystals; Suzuki Brand. Wigglesworth, Ltd., Westhoughton.

PETROLEUM Jelly, about 4 tons, for Sale, packed in 3½ cwt. barrels. Timothy White Co., Ltd., Portsmouth.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

STEAM Boiler, 3 h.p.; 500 gall. Steel Still, with Agitator, Coils, Storage Tanks, Pump, Enamel-lined Tanks, and sundry plant of small factory for sale by private treaty. Apply 168/29, Office of this Paper.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6*d*.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FOR DISPOSAL.

BOOKS AND PERIODICALS

HOMŒOPATHIC Vade Mecum, Medical and Surgical," by E. H. Ruddock, M.D., price 7*s.* 6*d.*; "Text Book of Hygiene, Principles and Practice of Preventive Medicine," by George R. Rohé, M.D., 5*s.*; Dr. Tanner's "Index of Diseases," Dr. Boulton, 7*s.* 6*d.*; "British Pharmacopœia," 5*s.* Address Wilkinson, 19 Newhall Lane, Preston.

TILLE & MAISCH, "National Dispensatory" (1894), 1,903 pages, bound in two vols., 5*s.*; Remington's "Pharmacy" (1889), 3*s.* 6*d.*; Coblentz's "Pharmacy" (1894), 3*s.* 6*d.*; Caspari's "Pharmacy" (1895), 3*s.* 6*d.*; Christison's "Dispensatory" (1848), 5*s.*; French Codex (1895), 5*s.*; German Pharmacopœia (1895), 3*s.* 6*d.*; U.S. Pharmacopœia (1890), 3*s.* 6*d.*; British Pharmacopœia, 1864, 1867, 1885, 1898, 1*s.* each; Squire's "Companion," 1882, 1886, 1*s.* each; Powell's "Translation of London Pharmacopœia" (1809), 2*s.* 6*d.*; postage extra. Ross, 131 North Hill, Highgate, N. 6.

DENTAL.

DENTAL Cabinet for Sale (London); only wants seeing; solid oak, polished; good condition; write for appointment. Apply "Dentist" (170/13), Office of this Paper.

DRUGS AND CHEMICALS.

1 OZ. each Sulphonal, 8*s.* 6*d.*; Morph. Hcl., 20*s.*; Codeina, 35*s.*; Thymol, 3*s.*; Resorcin, 2*s.* 3*d.*; Guaiacol Carbonate, 4*s.* 6*d.*; 1 lb. original Bottles D. and F. Chloroform, pure (Ethylic Alcohol), 8*s.* 9*d.* Potts & Rees, 62 South Audley Street, Grosvenor Square, W. 1.

MISCELLANEOUS.

TUBE Feeding Bottles, branded O.D.C., without fittings; about two gross; what offers. Oxford Drug Co., Oxford.

GILLETTE Blades, 24 × 1 dozen packets, £3 10*s.*; Gibbs' 7*d.* Shaving Sticks, 2 gross, £4. Payne, Pharmaceutical Chemist, Maidstone.

1 GROSS 2-lb. Water Glass, in good strong container, 8*s.* per dozen; free boxes carriage forward; cash with order. Hitchen, Chemist, Uxbridge.

WANTED.

PERFUMERY Labels; any odd lots for cash. Stonelake, 5 Smith Street, Guernsey.

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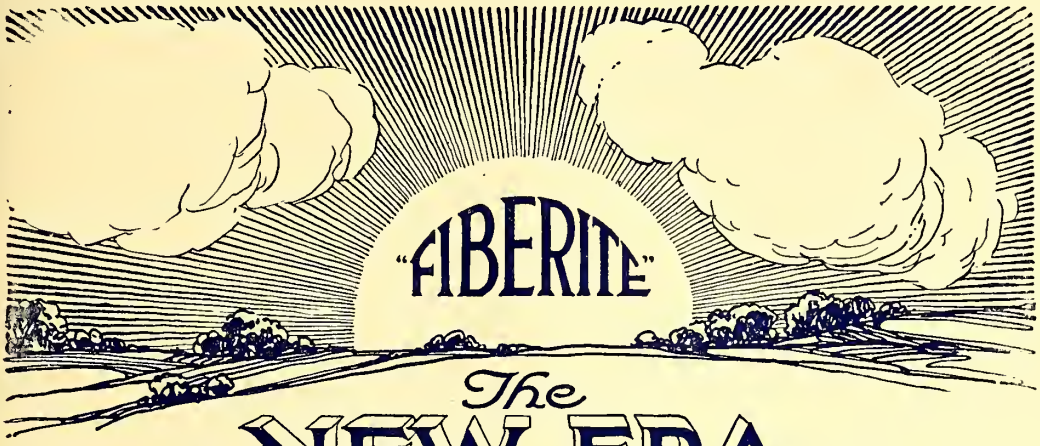

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